



**Australian Government**  
**Australian Customs and**  
**Border Protection Service**

# APPLICATION FOR TARIFF CONCESSION ORDER (TCO)

**IMPORTANT:** Please read the information below carefully before completing this form.

## Are you aware that substitutable goods are produced in Australia in the ordinary course of business?

- (a) If you are aware, based on information and your inquiries that substitutable goods are being produced in Australia in the ordinary course of business then you should not lodge an application for a TCO.

## Do you need to apply for new TCO?

- (b) Before lodging this application for a TCO, the applicant should determine whether a suitable TCO already exists. Information on existing TCOs is contained in the Schedule of Concessional Instruments (SCI), which is available on the Internet at [www.customs.gov.au](http://www.customs.gov.au).

## Have you verified that there are no substitutable goods produced in Australia (refer to questions 5, 6 and 7 of the form)?

- (c) Section 269FA of the *Customs Act 1901* states "It is the responsibility of an applicant for a TCO to establish, to the satisfaction of the Chief Executive Officer (CEO), that, on the basis of:
- (i) all information that the applicant has, or can reasonably be expected to have; and
  - (ii) all inquiries that the applicant has made, or can reasonably be expected to make; there are reasonable grounds for asserting that the application meets the core criteria".
- The application is taken to meet the core criteria if, on the day of lodgement of the application, **no substitutable goods** were produced in Australia in the ordinary course of business.

13/17989

## Completing the application

- (d) Section 269F of the *Customs Act 1901* requires that a TCO application be in writing, be in an "approved form", contain such information as the form requires, and be signed in the manner indicated in the form. **This is the approved form for the purposes of that section.**
- (e) Section 269F(3) states that a TCO application must contain:
- (a) a full description of the goods to which the application relates; and
  - (b) a statement of the tariff classification that, in the opinion of the applicant, applies to the goods; and
  - (c) if the applicant is not proposing to make use of the TCO to import the goods to which the application relates into Australia on the applicant's own behalf – the identity of the importer for whom the applicant is acting; and
  - (d) particulars of all inquiries made by the applicant (including inquiries made of prescribed organisations) to assist in establishing that there were reasonable grounds for believing that on the day on which the application was lodged, there were no producers in Australia of substitutable goods.

## Question 1 to 8 must be answered

- (f) Failure to supply the information required by this form will result in rejection of the application (and in the loss of operative date.)
- (g) Customs and Border Protection may require an applicant to substantiate, with documentary evidence, any information provided in the application form. Customs and Border Protection may also undertake its own inquiries as allowed under section 269M.
- (h) Receipt of your application will be acknowledged. Any resultant TCO will operate from the date of receipt.
- (i) Where an application is accepted as being a valid application, the identity of the applicant and of the importer for whom the applicant is acting will be published in the *Commonwealth of Australia Tariff Concessions Gazette* (the Gazette).
- (j) Further Information on the Tariff Concession System is available in Part XVA of the *Customs Act 1901*; in relevant Australian Customs Notices (ACNs), Practice Statements and related Instructions and Guidelines on the Internet at [www.customs.gov.au](http://www.customs.gov.au); by e-mailing [tarcon@customs.gov.au](mailto:tarcon@customs.gov.au); or by phoning the Customs and Border Protection Information Centre 1300 363 263.
- (k) Attached to this form are extracts from relevant legislation. Also please refer to Australian Customs Notice 2010/03 containing advice as to what Customs and Border Protection considers to be 'reasonable inquiries', advice on conducting searches on national and international search engines and a suggested format letter that you might choose to use when contacting potential local manufacturers to determine if it produces substitutable goods.

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**APPLICANT DETAILS**

Applicant's Name: IN VITRO Technology Pty Ltd		Australian Business Number (A.B.N): 27102379895	
Postal Address: 7-9 Summit Road, Noble Park, Victoria, 3174		IAD.1928M	
Applicant's Reference: IAD.1928M		Company Contact: s47F	
Telephone Number: s47F		Position Held: s47F	
Mobile Telephone Number: General 1300 552 003		Email Address: s47F@invitro.com.au	
Facsimile Number: +613 9771 3720			

*If the applicant (as named above) does not intend to use the TCO to import into Australia the goods the subject of the application, you must provide, in the section below, the identity of the importer for whom you are acting (refer to paragraph 296F(3)(c) of the Customs Act 1901.*

**IMPORTER DETAILS**

If same as applicant write "as above" Importer's Name: "As Above"		Australian Business Number (A.B.N):	
Postal Address:			
Importer's Reference:		Company Contact:	
Telephone Number:		Position Held:	
Mobile Telephone Number:		Email Address:	
Facsimile Number:			

**AGENT/BROKER DETAILS (if applicable)**

Agent's Name: DHL Global Forwarding		Australian Business Number (A.B.N): 62 002 636 124	
Postal Address: LOCKED BAG 10, TULLAMARINE, VIC 3043			
Agent's Reference: IAD.1928M		Agency Contact: s47F	
Telephone Number: s47F		Position Held: s47F	
Mobile Telephone Number: s47F		Email Address: s47F@Dhl.com	
Facsimile Number: 03 9344 8999			

Is this application intended to support an application for a concession under the Enhanced Project By-law Scheme?

☐ YES

☒ NO

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**1. DESCRIPTION OF GOODS**

- (a) The description of the goods in the application may be used as the description of the goods in the TCO (if made).
- (b) The application must provide a full description of the goods, including the physical features of the various components of the goods. It must not describe the goods in terms of what they do.
- (c) In accordance with section 269SJ of the Customs Act 1901, the CEO must **not** make a TCO in respect of goods:
- (i) described in terms other than in generic terms; or
  - (ii) described in terms of their intended end use; or
  - (iii) declared by the regulations to be goods to which a TCO should not be extended.
- Goods will be taken to be described in terms other than in generic terms if, for example, their description, either directly or by implication, indicates that they are goods of a particular brand or model, or that a particular part number applies to the goods.
- (d) Guidance on the drafting of the description of goods is contained in relevant Practice Statements and/or Instructions and Guidelines on the Internet at [www.customs.gov.au](http://www.customs.gov.au). Failure to comply with Customs and Border Protection requirements may result in rejection of the application.

**Describe the goods as you would propose the wording to appear if the Tariff Concession Order is granted.**

Laboratory Incubator including all of the following a) Temperature range 20°C below room temp up to 65°C

- |                                |   |
|--------------------------------|---|
| b) 10 to 50 cubic cms capacity | c) Capacity to shake up to 48x 250ml flasks |
| d) Multi Stack Loadingd)       | e) Stackable up to 3 units high             |
| f) Shaking speeds 20-999 rpm   | g) Capable of shaking up to 5L flasks       |

**2. ILLUSTRATIVE MATERIAL**

**Attach technical and illustrative descriptive material (IDM) as well as any extracts from the relevant industry standard (if referred to in the description of the goods) and/or a sample to enable full and accurate identification of the goods the subject of the application. This application will be rejected if insufficient or inadequate IDM is provided.**

*Please note that simply supplying a reference to a website is not acceptable.*

**3. TARIFF CLASSIFICATION**

- (a) Identify the tariff classification (to 8 figure subheading level)
- (b) Identify the General Duty rate 5% %
- (c) If a Tariff Advice for the goods has been sought or obtained, please provide the TA No or attach a copy.

**4. USES OF THE IMPORTED GOODS**

**Describe ALL uses (including design uses) to which the goods can be put.**

Laboratory Incubators for the stimulation & acceleration of microbiological growth products



## 5. Information that the applicant and importer has regarding Australian manufacturers of substitutable goods or potentially substitutable goods.

The following questions require the applicant and the importer (if a different party to the applicant) to provide details of all information that they have with regard to the presence of Australian manufacturers of substitutable goods or potentially substitutable goods.

### 5A APPLICANT.

In considering the goods which are the subject of this TCO application, is the applicant aware of any Australian manufacturers or producers of substitutable goods, or of potentially substitutable goods?

☐ YES

☒ NO

If YES, please provide the names of these Australian manufacturers or producers.

From industry information obtained, similar goods not manufactured in Australia

### 5B - IMPORTER.

In considering the goods which are the subject of this TCO application, is the importer (as listed on page 2) aware of any Australian manufacturers or producers of substitutable goods or potentially substitutable goods?

☐ YES

☒ NO

If YES, please provide the names of these Australian manufacturers or producers.

### 5C. Please provide details of other information that the applicant and/or importer may have to assist in locating any local manufacturers.

- (i) Is the applicant and/or importer a member of a relevant industry association and, if so, what is the name of the association?

☐ YES

☒ NO

If YES, what is the name of association/s:

- (ii) Has the applicant and/or importer attended, in the past year, any trade fairs or industry events where Australian manufacturers and producers of goods that may be substitutable have been exhibitors?

☐ YES

☒ NO

If YES, what is/are the name/s of relevant Australian manufacturers of potentially substitutable goods that may have exhibited?

- (iii) In the past two years, has the applicant and/or importer participated in government and/or trade procurement processes (for example, tenders for made-to-order capital equipment) which might indicate the existence of Australian manufacturers or producers of goods that are substitutable, or potentially substitutable, for the goods that are the subject of this TCO application?

☐ YES

☒ NO

If YES, describe each procurement process, and type of goods, including made-to-order capital goods, that were the subject of each procurement process and any Australian manufacturers or producers known to have participated in each procurement process?

Nil

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## 6. INQUIRIES THAT THE APPLICANT AND/OR IMPORTER HAS MADE REGARDING LOCAL MANUFACTURERS OF SUBSTITUTABLE GOODS, OR OF POTENTIALLY SUBSTITUTABLE GOODS?

The following questions require you to provide details of all inquiries that the applicant and/or importer have made to assist the CEO in establishing that there are reasonable grounds for believing that, on the day on which the application was lodged, there were no producers or manufacturers in Australia of substitutable goods, or potentially substitutable goods.

### 6A - PRESCRIBED ORGANISATIONS - Prescribed organisations, such as the Industry Capability Network, are listed in Regulation 179A of Customs Regulations 1926.

Have you asked a prescribed organisation to obtain advice about whether there are manufacturers or producers in Australia of substitutable goods, or of potentially substitutable goods?

☐ YES Please attach a copy of the terms of the request and all advice received. If you have obtained a report from a prescribed organisation, you are not required to answer 6B.

☒ NO If you have not obtained a report from a prescribed organisation, you are required to answer 6B.

### 6B. SEARCHES OF THREE DIFFERENT DATABASES CONTAINED IN TRADE DIRECTORIES, PUBLIC SEARCH ENGINES OR WEBSITES LISTING AUSTRALIAN PRODUCTS

If you have not obtained a report from a prescribed organisation, you must make inquiries in at least three databases to locate the possible existence of Australian manufacturers or producers of goods that may be substitutable for the goods the subject of the TCO application. Examples of these databases may include trade directories such as Kompass, search engines such as Google, and websites listing Australian products such as [www.australianmade.com.au](http://www.australianmade.com.au). Please refer to ACN 2010/03 for guidance as to what Customs and Border Protection considers to be a reasonable search.

1 - Name of database: GOOGLE Australia

Search terms used in database: Laboratory Equipment

Please attach printouts of the search results. For search engines such as Google, please supply only the first three pages.

2 - Name of database: HOT FROG Au

Search terms used in database: Laboratory Equipment

Please attach printouts of the search results. For search engines such as Google, please supply only the first three pages.

3 - Name of database: FERRET AU

Search terms used in database: Laboratory Equipment

KOMPASS Web

Please attach printouts of the search results. For search engines such as Google, please supply only the first three pages.

### 6C. INDUSTRY ASSOCIATIONS

Has the applicant and/or importer made inquiries of industry associations in Australia representing suppliers, manufacturers of the goods that may be substitutable to those the subject of the TCO?

☐ YES Please attach a copy of the terms of the request and any response received.

☒ NO Please explain why you have not made enquiries.

Have contacted suppliers direct from searched carried out.

Highly technical and Specialised machinery to manufacture with limited demand in Australia

Government and Electrical/Gas approvals also required for manufacturing standards for such equipment.

From research undertaken, goods and similar goods appear to have no manufacturing in Australia.



**7. NOTIFICATION OF POTENTIAL AUSTRALIAN MANUFACTURERS**

If any of the answers to questions 5 or 6 identified any potential local manufacturers of substitutable goods, please provide details of the inquiries that you undertook to notify those local manufacturers of your application and to seek advice as to whether they believe they manufacture any substitutable goods. Please refer to Australian Customs Notice 2010/03 for a suggested format of a letter to a potential local manufacturer of substitutable goods.

*Please provide a copy of your request to each business. Please provide the business names, details of the contact that you made and all responses received at the time of lodging this application.*

**1 - Name and address of business:** REFER ATTACHMENTS

Please provide a copy of your request to each business. Is the copy attached? ☒ YES ☐ NO

Please provide a copy of the response provided, if any. Is their response attached? ☒ YES ☐ NO

**2 - Name and address of business:**

Please provide a copy of your request to each business. Is the copy attached? ☒ YES ☐ NO

Please provide a copy of the response provided, if any. Is their response attached? ☒ YES ☐ NO

**3 - Name and address of business:**

Please provide a copy of your request to each business. Is the copy attached? ☒ YES ☐ NO

Please provide a copy of the response provided, if any. Is their response attached? ☒ YES ☐ NO

**4 - Name and address of business:**

Please provide a copy of your request to each business. Is the copy attached? ☒ YES ☐ NO

Please provide a copy of the response provided, if any. Is their response attached? ☒ YES ☐ NO

**8. JUSTIFICATION FOR APPLICATION**

Where potential Australian producers or manufacturers have been identified in questions 5, 6 or 7, please provide details as to why you believe that they do not produce substitutable goods in Australia in the ordinary course of business.

*Please refer to the attached definitions for the legislative definitions of 'core criteria', 'substitutable goods', 'goods produced in Australia' and 'the ordinary course of business'.*

Refer 6C above. No local manufacturer in AU at present from the information sent out.

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**APPLICANT'S DECLARATION**

I, S47F

Position Held S47F

Company: (if applicable) DHL GLOBAL FORWARDING

declare that:

1. I have the authority to act on behalf of the company/applicant;
2. To the best of my knowledge and belief the information contained in this form including any attachments is correct;
3. I have ensured that questions 1 to 8 are completed and supporting documents are provided; and
4. I agree, in submitting this form by electronic means (including facsimile) that, for the purposes of Sub-section 14(3) of the Electronic Transactions Act 1999, this application will be taken to have been lodged when it is first received by an officer of Customs and Border Protection, or if by e-mail to **tarcon@customs.gov.au**, when it is first accessed by an officer of Customs and Border Protection, as specified in Sub-Section 269F(4) of the Customs Act 1901.
5. I have read the relevant Australian Customs Notice headed Applicant's Obligations in Making a TCO application and the definitions attached to this form and understand my obligations under Section 269FA with regard to the making and processing of Tariff Concession Order applications.
6. I acknowledge that I understand that under Section 269M(6) of the *Customs Act 1901* that at any time during the period of 150 days from the gazettal day, the CEO may, for the purpose of dealing with a TCO application, and despite section 16 of the Customs Administration Act 1985, give a copy of all, or of a part, of the application to a prescribed organisation with a view to obtaining the advice of the organisation in relation to the question whether there are any producers in Australia of substitutable goods.

Signature of Applicant/Agent/Broker: S47F

Date: 30 / MAY / 2013

**NOTE:**

***Section 234 of the Customs Act 1901 provides that it is an offence to make a statement to an officer that is false or misleading in a material particular.***

**Before lodging your form please ensure that you have attached the following:**

- ☒ Attached IDM/Samples?
- ☒ Attached Local Manufacturer search results?
- ☒ Application signed & dated?
- ☒ Questions 1-8 answered?
- ☒ All enquiries requested undertaken?

**When this form has been completed please lodge it with Customs and Border Protection by:**

•posting it by prepaid post to:

Director  
Tariff Concession Section  
Trade Services Branch  
Australian Customs and  
Border Protection Service,  
Customs House  
5 Constitution Avenue  
CANBERRA ACT 2601

OR

•delivering it to the ACT Regional Office located at:

Customs House, Canberra

OR

•sending it by facsimile to: (02) 6275 6376

OR

•e-mailing it to: **tarcon@customs.gov.au**



**FOR OFFICE USE ONLY AUSTRALIAN CUSTOMS AND BORDER PROTECTION SERVICE STAFF****269(H) Screening the Application**

Is the CEO satisfied that the application complies with Section 269F?

☐ YES ☐ NO

Is the CEO satisfied that the applicant has discharged all responsibilities referred to in section 269FA?

☐ YES ☐ NO

Is the CEO aware of any producer in Australia of substitutable goods?

☐ YES ☐ NO

Are the goods on the Excluded Goods Schedule (Regulation 185)?

☐ YES ☐ NO

Does a TCO already exist for these goods?

☐ YES ☐ NO

**Information for applicants - some useful definitions from the Customs Act 1901**

**269B Interpretation**

**substitutable goods**, in respect of goods the subject of a TCO application or of a TCO, means goods produced in Australia that are put, or are capable of being put, to a use that corresponds with a use (including a design use) to which the goods the subject of the application or of the TCO can be put.

- (3) In determining whether goods produced in Australia are put, or are capable of being put, to a use corresponding to a use to which goods the subject of a TCO, or of an application for a TCO, can be put, it is irrelevant whether or not the first mentioned goods compete with the second mentioned goods in any market.

**269C Interpretation - core criteria**

For the purposes of this Part, a TCO application is taken to meet the core criteria if, on the day on which the application was lodged, no substitutable goods were produced in Australia in the ordinary course of business.

**269D Interpretation - goods produced in Australia**

- (1) For the purposes of this Part, goods, other than unmanufactured raw products, are taken to be produced in Australia if:
- the goods are wholly or partly manufactured in Australia; and
  - not less than  $\frac{1}{4}$  of the factory or works costs of the goods is represented by the sum of:
    - the value of Australian labour; and
    - the value of Australian materials; and
    - the factory overhead expenses incurred in Australia in respect of the goods.
- (2) For the purposes of this Part, goods are to be taken to have been partly manufactured in Australia if at least one substantial process in the manufacture of the goods was carried out in Australia.
- (3) Without limiting the meaning of the expression substantial process in the manufacture of the goods, any of the following operations or any combination of those operations does not constitute such a process:
- operations to preserve goods during transportation or storage;
  - operations to improve the packing or labelling or marketable quality of goods;
  - operations to prepare goods for shipment;
  - simple assembly operations;
  - operations to mix goods where the resulting product does not have different properties from those of the goods that have been mixed.
- (4) For the purposes of this section, the CEO may, by instrument in writing published in the *Gazette*:
- direct that the factory or works cost of goods is to be determined in a specified manner; and
  - direct that the value of Australian labour, the value of Australian materials or the factory overhead expenses incurred in Australia in respect of goods is to be determined in a specified manner;
- and those directions have effect accordingly.
- (5) The provisions of sections 48 (other than paragraphs (1)(a) and (b) and subsection (2)), 48A, 48B, 49A and 50 of the *Acts Interpretation Act 1901* apply in relation to directions given under subsection (4) as if:
- references in those provisions to regulations were references to directions; and
  - references in those provisions to the repeal of a regulation were references to the revocation of a direction.

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**269E Interpretation - the ordinary course of business**

- (1) For the purposes of this Part, other than section 269Q, goods (other than made-to-order capital equipment) that are substitutable goods in relation to goods the subject of a TCO application are taken to be produced in Australia in the ordinary course of business if:
- (a) they have been produced in Australia in the 2 years before the application was lodged; or
  - (b) they have been produced, and are held in stock, in Australia; or
  - (c) they are produced in Australia on an intermittent basis and have been so produced in the 5 years before the application was lodged;
- and a producer in Australia is prepared to accept an order to supply them.
- (2) For the purposes of this Part, goods that:
- (a) are substitutable goods in relation to goods the subject of a TCO application; and
  - (b) are made to order capital equipment;
- are taken to be produced in Australia in the ordinary course of business if:
- (c) a producer in Australia:
    - (i) has made goods requiring the same labour skills, technology and design expertise as the substitutable goods in the 2 years before the application was lodged; and
    - (ii) could produce the substitutable goods with existing facilities; and
  - (d) the producer is prepared to accept an order to supply the substitutable goods.
- (3) In this section:
- made-to-order capital equipment** means a particular item of capital equipment:
- (a) that is made in Australia on a one-off basis to meet a specific order rather than being the subject of regular or intermittent production; and
  - (b) that is not produced in quantities indicative of a production run.



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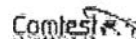
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Laboratory Incubators

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## Businesses (8)

Laboratory Incubators by state  
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Darra Brisbane, QLD

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This week All time

Edwards Instrument Company  
Products (8) |  
Science Supply Australia  
Medicalsearch.Com.Au

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Edwards Instrument Company 17-May-2008  
Medicalsearch.Com.Au 28-Nov-2008  
Science Supply Australia 12-Apr-2008

## Most popular

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Science Supply Australia  
Edwards Instrument Company

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## Laboratory Incubators

1 - 8 of 8 businesses results

Looking for Laboratory Incubators? www.hotfrog.com.au showcases more than 8 businesses grouped by Laboratory Incubators within Australia. To find more businesses related to Laboratory Incubators, and to filter by locality, use the left navigation menu.

## Edwards Instrument Company

Narellan, NSW  
1800 024 407

...1981. We source our products from reputable equipment  
manufacturers who supply Life Science and Analytical laboratories  
world-wide. Complementing these products is equipment and  
consumables manufactured here in...

Write your review

## Thermoline Scientific

Darra Brisbane, QLD  
(07) 3376 5277

Thermoline Scientific are Australian Owned Manufacturers and  
Distributors of Premium Laboratory and Scientific Test Equipment

Write your review

## Medicalsearch.Com.Au

North Sydney, NSW  
(02) 9925 4001

MedicalSearch is Australia's favourite medical website. It is used by  
hospitals, clinics, medical centres, aged care centres and practice  
managers to find medical information and suppliers.

Write your review

## Thermoline

Lilydale, VIC  
(03) 9735 9816

Thermoline Scientific are Australian Owned Manufacturers and  
Distributors of Premium Laboratory and Scientific Test Equipment

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## Thermoline

Darra Brisbane, QLD  
(07) 3376 5277

Thermoline Scientific are Australian Owned Manufacturers and  
Distributors of Premium Laboratory and Scientific Test Equipment

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## Thermoline Scientific Equipment

Darra Brisbane, QLD  
(07) 3376 5277

Thermoline Scientific are Australian Owned Manufacturers and  
Distributors of Premium Laboratory and Scientific Test Equipment

Write your review

## Science Supply Australia

Mitcham, VIC  
(03) 9873 2588

Science Supply Australia Pty Ltd are wholesale suppliers to  
manufacturing and research facilities as well as educational  
institutions across Australia. Supply of products to the general public  
or private individuals is ...

Write your review

## MedicalSearch

Lane Cove, NSW  
1300 788 373

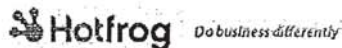
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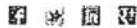
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s47F

(DHL AU)

**From:** s47F (DHL AU)  
**Sent:** Tuesday, April 02, 2013 12:24 PM  
**To:** 'AUinfo@thermofisher.com'  
**Subject:** NVITRO Techn IAD1928M\_ICN Local Supplier Letter-Australian Manufacturers of Incubator-Shakers  
**Attachments:** Invitro Techn-ICN Supplier Ltr\_Incubator-Shaker\_ThermoFisherQLD.Mar2013..docx

INVITRO Techn IAD1928M\_ICN Local Supplier Letter-Australian Manufacturers of Incubator-Shakers

Best Regards

s47F

Industry Assistance Division  
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Accredited Quarantine Broker

**DHL Global Forwarding**  
96-106 Link Road  
Melbourne Airport VIC 3045  
AUSTRALIA

Office : +61 3 9344 8000

Direct : +61 s47F

Fax No: +61 3 9344 8998

Mob No: s47F

s47F @dhl.com

[www.dhl.com](http://www.dhl.com)

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s47F

(DHL AU)

**From:** s47F (DHL AU)  
**Sent:** Tuesday, April 02, 2013 12:17 PM  
**To:** 'sales@thermoline.com.au'  
**Subject:** INVITRO Techn IAD1928M\_ICN Local Supplier Letter-Australian Manufacturers of Incubator-Shakers  
**Attachments:** Invitro Techn-ICN Supplier Ltr\_Incubator-Shaker\_ThermolineScienceQLD.Mar2013..docx

INVITRO Techn IAD1928M\_ICN Local Supplier Letter-Australian Manufacturers of Incubator-Shakers

Best Regards

s47F

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s47F (DHL AU)

**From:** s47F@prsm.com.au>  
**Sent:** Tuesday, April 02, 2013 12:51 PM  
**To:** s47F (DHL AU)  
**Subject:** ParMED: Local Supplier Enquiry

G'day s47F

We are not engaged in the manufacture / distribution of the product you are interested in.

Best Regards,

s47F

-----Original Message-----

**From:** s47F [mailto:s47F@Dhl.com]  
**Sent:** Tuesday, 2 April 2013 11:56 AM  
**To:** s47F  
**Subject:** ParMED: Local Supplier Enquiry

This is an enquiry e-mail via <http://www.parmed.com.au> from:

s47F@Dhl.com>

ParMED

139-145 Greens Road,

Dandenong South, Vic 3175

Dated 28-Mar-2013

Ph +613 s47F Fax +613 9791 6530 Sent on Line- .....

RE: Laboratory Incubators/Shakers for Cell cultivation.

Temperature range to 95%c. Electronic controlled

Dear Madam/Sir,

IAD.1928M

Your company has been nominated by the Local Industry ( or Product sights, Industry Capability Network and other Manufacturer search sights) in respect of being a current producer of the type of equipment shown below:

Laboratory Incubators/Shakers for Cell cultivation.

Temperature range to 95%c. Electronic controlled

Technical Information on the above products will be forwarded to you upon request.

Can you please confirm if your company has produced substitutable goods, meeting the terms of the above description, within the last two years, and if possible, provide evidence to support this. Also advise if you are aware of another company in Australia which may be producing goods in this category

Client: Invitro Technology.

The purpose of this exercise is to aid in the application of a Tariff Concession Order (TCO), providing the goods meet the core criteria of the TCO scheme. Our client, Invitro Technology. is of the understanding that such goods are not currently manufactured in Australia as previous suppliers have confirmed they no longer produce such components. If your company does produce similar goods, but only in a limited range, please advise what these are so we can exclude such range/products for any Concession application.



s47F (DHL AU)

**From:** s47F - CREA Laboratory Technologies <s47F@crealt.com.au>  
**Sent:** Wednesday, April 03, 2013 3:50 PM  
**To:** s47F (DHL AU)  
**Subject:** Customer enquiry from TrueLocal - s47F  
**Attachments:** Incubators.pdf; Ovan\_Eng\_Incubators.pdf; Shakers & Mixers.pdf

Hi s47F

Many Thanks for your enquiry.

I have attached the brochures of the available incubator/shakers that we sell -

Let me know if I can be of further assistance

Kind regards

s47F



Sales &amp; Service Support

Direct: 02 s47F

s47F@crealt.com.au

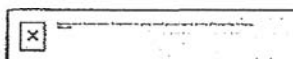
Unit 4, 4 Teamster Close, Tuggerah NSW 2259 - P O Box 3791 Tuggerah NSW 2259 Australia

1300 LAB SALES  
6 2 2 7 2 5

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**From:** s47F Dhl.com [mailto:s47F@Dhl.com]  
**Sent:** Tuesday, 2 April 2013 10:59 AM  
**To:** SALES@CREALT.COM.AU  
**Subject:** Customer enquiry from TrueLocal - s47F





# Apps Laboratories

115 Collie Road, Gembrook, VIC 3783

Tel: 61 3 5968 1401 Fax: 61 3 5968 1401 ✓

Email:..... Web: <http://www.appslabs.com.au/> Sent on Line 28-Mar-2013

RE: **Laboratory Incubators/Shakers for Cell cultivation.**  
**Temperature range to 95% $^{\circ}$ C. Electronic controlled**

Dear Madam/Sir,

**IAD.1928M**

Your company has been nominated by the Local Industry ( or Product sights, Industry Capability Network and other Manufacturer search sights) in respect of being a current producer of the type of equipment shown below:

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I thank you for your attention to this matter and look forward to receiving your written response by return in due course.

Best Regards

S47F

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Accredited Quarantine Broker

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Melbourne Airport VIC 3043

AUSTRALIA

Phone: +61 S47F

Fax No: +61 3 9344 8998

Mob No: S47F

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[www.dhl.com](http://www.dhl.com)

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Encl 02/Apr/2012

# Aussan Laboratories

4/185 Briens Rd Northmead, NSW 2152

Ph: +61 (0)2 8677 454 Fax: +61 (0)2 82146439

Email: [info@aussan.com.au](mailto:info@aussan.com.au)

Sent on Line - 28-Mar-2013

RE: **Laboratory Incubators/Shakers for Cell cultivation.**  
**Temperature range to 95% $^{\circ}$ C. Electronic controlled**

Dear Madam/Sir,

**IAD.1928M**

Your company has been nominated by the Local Industry ( or Product sights, Industry Capability Network and other Manufacturer search sights) in respect of being a current producer of the type of equipment shown below:

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Best Regards

s47F

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Accredited Quarantine Broker

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AUSTRALIA

Phone: +61 s47F

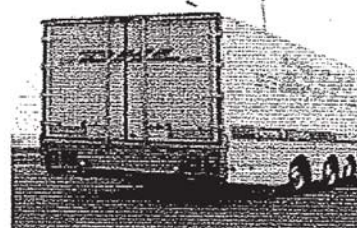
Fax No: +61 3 9344 8998

Mob No; s47F

s47F @dhl.com

[www.dhl.com](http://www.dhl.com)

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# BARTELT Instruments Pty Ltd

38 Kylta Road, Heidelberg West, Vic. Australia, 3081

Email 02/03/2013

Telephone: +61 (3) 9459 8822 Fax: +61 03 9457 5906 ✓

Email: ..... Web: <http://www.bartelt.com.au> Sent on Line 28-Mar-2013

**RE: Laboratory Incubators/Shakers for Cell cultivation.  
Temperature range to 95°C. Electronic controlled**

Dear Madam/Sir,

**IAD.1928M**

Your company has been nominated by the Local Industry ( or Product sights, Industry Capability Network and other Manufacturer search sights) in respect of being a current producer of the type of equipment shown below:

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Best Regards

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Phone: +61 s47F

Fax No: +61 3 9344 8998

Mob No: s47F

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@dhl.com www.dhl.com

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Sent on Line 02/Mar/2013

# Crea Laboratory Technologies

Unit 4, 4 Teamster Close

Tuggerah Business Park

Tuggerah NSW 2259 Phn 02 4320 6671 Fax 02 4320 6675

Sent on Line - 27-Mar-2013

**RE: Laboratory Incubators/Shakers for Cell cultivation.  
Temperature range to 95%c. Electronic controlled**

Dear Madam/Sir,

**IAD.1928M**

Your company has been nominated by the Local Industry ( or Product sights, Industry Capability Network and other Manufacturer search sights) in respect of being a current producer of the type of equipment shown below:

Laboratory Incubators/Shakers for Cell cultivation.  
Temperature range to 95%c. Electronic controlled

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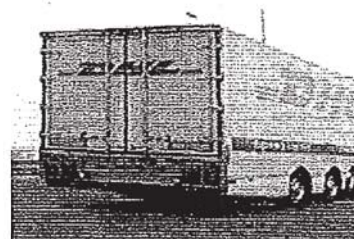
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# DKSH Australia Pty Ltd

14-17 Dansu Court, Hallam, Vic. Australia, 3803

02/01/2013

Telephone: +61 (3) 9554 6666 Fax: +61 03 9554 6677

Email: ..... Web: [www.dksh.com.au/research](http://www.dksh.com.au/research) Sent on Line 28-Mar-2013

RE: **Laboratory Incubators/Shakers for Cell cultivation.**  
**Temperature range to 95% $\pm$ 0.1 $^{\circ}$ C. Electronic controlled**

Dear Madam/Sir,

**IAD.1928M**

Your company has been nominated by the Local Industry ( or Product sights, Industry Capability Network and other Manufacturer search sights) in respect of being a current producer of the type of equipment shown below:

Laboratory Incubators/Shakers for Cell cultivation.  
 Temperature range to 95% $\pm$ 0.1 $^{\circ}$ C. Electronic controlled  
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Export 02/Mar/2013

# Ensign Laboratories

490 Wellington Road, Mulgrave

VIC 3170 Phn 03 9550 1400 Fax 02 9905 1440

Sent on Line - 28-Mar-2013

**RE: Laboratory Incubators/Shakers for Cell cultivation.  
Temperature range to 95% $^{\circ}$ C. Electronic controlled**

Dear Madam/Sir,

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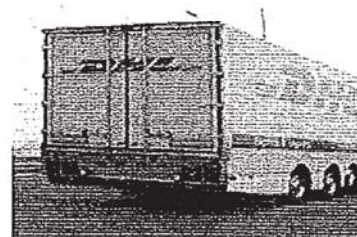
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**Environmental Services Pty Ltd**  
**16 Halsey Rd, Airport West, VIC**

**Tel: 61 3 9335-5366 Fax: 61 3 9335-4399**

Email: info@aussan.com.au Web: www.aussan.com.au Sent on Line 28-Mar-2013

**RE: Laboratory Incubators/Shakers for Cell cultivation.**  
**Temperature range to 95% $\pm$ 0.1 $^{\circ}$ C. Electronic controlled**

Dear Madam/Sir,

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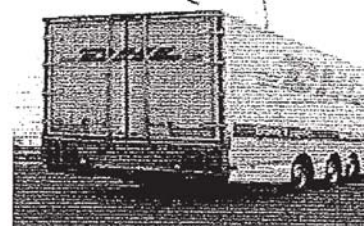
Fax No: +61 3 9344 8998

Mob No: s47F

@dhl.com

www.dhl.com

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# LAF Technologies Pty Ltd

P.O Box 2440, North Ringwood, Victoria, Australia, 3134

Telephone: 1300 306 002 Fax: +61 03 9879 4700

Sent on Line 02/11/2013

Email: [info@abacus-als.com](mailto:info@abacus-als.com) Web: <http://www.biocabinets.com.au/laboratory->

Sent on Line 28-Mar-2013

[products/lab-equipment.html](http://www.biocabinets.com.au/laboratory-products/lab-equipment.html)

**RE: Laboratory Incubators/Shakers for Cell cultivation.  
Temperature range to 95% $^{\circ}$ C. Electronic controlled**

Dear Madam/Sir,

**IAD.1928M**

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s47F

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Accredited Quarantine Broker

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Melbourne Airport VIC 3043 AUSTRALIA

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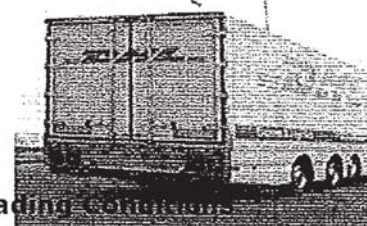
Fax No: +61 3 9344 8998

Mob No: s47F

s47F

[s47F@dhl.com](mailto:s47F@dhl.com) [www.dhl.com](http://www.dhl.com)

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# Medical Search.

332 Burns Bay Road,  
Lane Cove, NSW, 2066

Tel: 1300 788 373 Fax: (02) 9925 4099 ✓ Sent on Line 28-Mar-2013

Email: ..... Web: [Http://medicalsearch.com.au](http://medicalsearch.com.au)

RE: **Laboratory Incubators/Shakers for Cell cultivation.**  
**Temperature range to 95% $^{\circ}$ C. Electronic controlled**

Dear Madam/Sir,

**IAD.1928M**

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Client: **Invitro Technology.**

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I thank you for your attention to this matter and look forward to receiving your written response by return in due course.

Best Regards

s47F

**Industry Assistance Division**

Licensed Customs Broker

Accredited Quarantine Broker

**DHL Global Forwarding**

96-101 Link Drive

Melbourne Airport VIC 3043 AUSTRALIA

Phone: +61 s47F

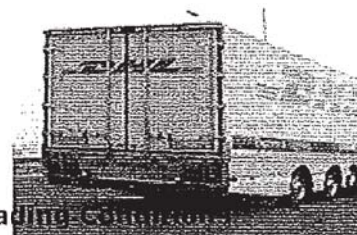
Fax No: +61 3 9344 8998

Mob No: s47F

s47F

@dhl.com [www.dhl.com](http://www.dhl.com)

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under the Freedom of Information Act 1982



# Pacific Laboratory Products

PO Box 465 Blackburn VIC 3130



Sent on Line - 27-Mar-2013

RE: **Laboratory Incubators/Shakers for Cell cultivation.**  
**Temperature range to 95% $\pm$ . Electronic controlled**

Encl 001 07/08/2013

Dear Madam/Sir,

**IAD.1928M**

Your company has been nominated by the Local Industry ( or Product sights, Industry Capability Network and other Manufacturer search sights) in respect of being a current producer of the type of equipment shown below:

Laboratory Incubators/Shakers for Cell cultivation.  
Temperature range to 95% $\pm$ . Electronic controlled

Technical Information on the above products will be forwarded to you upon request.

Can you please confirm if your company has produced substitutable goods, meeting the terms of the above description, within the last two years, and if possible, provide evidence to support this. Also advise if you are aware of another company in Australia which may be producing goods in this category

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Melbourne Airport VIC 3043

AUSTRALIA

Phone: +61 s47F

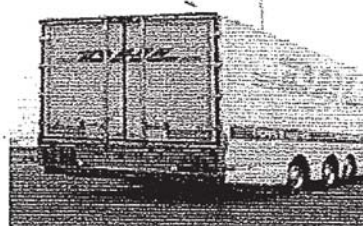
Fax No: +61 3 9344 8998

Mob No; s47F

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[www.dhl.com](http://www.dhl.com)

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**ParMED**

**139-145 Greens Road,  
Dandenong South, Vic 3175**

**Ph +613 9791 6444 Fax +613 9791 6530**

Dated 28-Mar-2013

Sent on Line- ... 02/ APR/ 2013

**RE: Laboratory Incubators/Shakers for Cell cultivation.  
Temperature range to 95% $^{\circ}$ C. Electronic controlled**

Dear Madam/Sir,

**IAD.1928M**

Your company has been nominated by the Local Industry ( or Product sights, Industry Capability Network and other Manufacturer search sights) in respect of being a current producer of the type of equipment shown below:

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Temperature range to 95% $^{\circ}$ C. Electronic controlled

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Melbourne Airport VIC 3043 AUSTRALIA

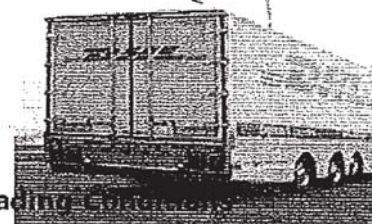
Phone: **+61** s47F

Fax No: **+61 3 9344 8998**

Mob No; s47F

s47F @dhl.com www.dhl.com

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# Ratek Instruments

11 Irene Street, Coburg VIC 3058,

Ph +613 9887 2161 Fax +613 9887 2000



Send to: Mironi Egyptian School Service  
11 Irene Street Coburg  
Date 28-Mar-2013

RE: **Multi Position Laboratory Cell Harvesters.**

Sent on Line 02/03/2013

RE: **Laboratory Incubators/Shakers for Cell cultivation.  
Temperature range to 95% $\pm$ . Electronic controlled**

Dear Madam/Sir,

**IAD.1928M**

Your company has been nominated by the Local Industry ( or Product sights, Industry Capability Network and other Manufacturer search sights) in respect of being a current producer of the type of equipment shown below:

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Best Regards

s47F

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Accredited Quarantine Broker

## DHL Global Forwarding

96-101 Link Drive  
Melbourne Airport VIC 3043  
AUSTRALIA

Phone: +61 s47F

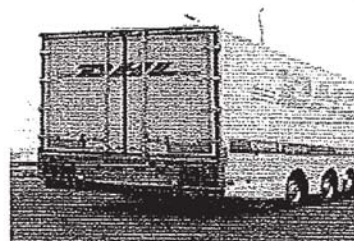
Fax No: +61 3 9344 8998

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# Science Supply Australia

10 Redland Drive,  
Nunawading, VIC

Tel: (03) 9873 2588 Fax: (03) 9873 2425 Sent on Line 28-Mar-2013

Email: Sales@ssapl.com.au

Web: <http://www.ssapl.com.au>

RE: **Laboratory Incubators/Shakers for Cell cultivation.**  
**Temperature range to 95% $^{\circ}$ C. Electronic controlled**

Dear Madam/Sir,

IAD.1928M

Your company has been nominated by the Local Industry ( or Product sights, Industry Capability Network and other Manufacturer search sights) in respect of being a current producer of the type of equipment shown below:

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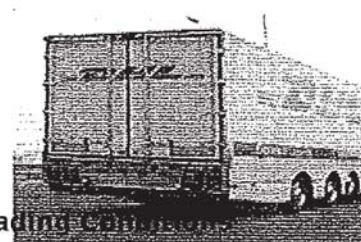
Fax No: +61 3 9344 8998

Mob No; s47F

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# Thermo Fisher Scientific QLD

93 Kelliher Road

Richlands, QLD, 4007

Sent on Line 28-Mar-2013

Tel: 1800 641 771 Fax: 1300 731 771

Sent on Line 28-Mar-2013

Email: [auinfo@Thermofisher.com](mailto:auinfo@Thermofisher.com) Web: [www.fronine.com.au/contact.htm.com.au/](http://www.fronine.com.au/contact.htm.com.au/)

**RE: Laboratory Incubators/Shakers for Cell cultivation.  
Temperature range to 95% $^{\circ}$ C. Electronic controlled**

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# Thermoline Scientific Equipt.

Unit 6/38 Limestone St, Darra,

Brisbane, QLD, 4076

Enqul Genl 02/Apr/2013

Tel: (07) 3376 5277 Fax: (07) 3376 5433

Sent on Line 28-Mar-2013

Email: sales@thermoline.com.au Web: <http://www.thermoline.com.au>

**RE: Laboratory Incubators/Shakers for Cell cultivation.  
Temperature range to 95% $^{\circ}$ C. Electronic controlled**

Dear Madam/Sir,

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**GEA Process Engin. a/c N9085 Tariff Advice Inform .... 10.Jul.2011 IAD-1569-M**

Product : **Rotary Atomizer Lab. Spray Dryer ...** Contact : s47F Page.2  
 Mobile: s47F  
 Imprtr : **ABN : 26000689618 Phn** s47F ... Email: s47F @geagroup.com

Item : **8419.89 .....** Desc : **Other heating machinery & Plant**

Item considered because of Basic heating process. Item is not considered applic. as unit is a "Dryer" and therefore does not incorporate processes for the retention of heating process... Drying unit gain specific mention in Subheading 8419.3...

Item : **8419.90 .....** Desc : **Parts for Heating Apparatus**

Items considered because units are related to heating apparatus. Item not considered as unit is not a part or section of larger operation. Unit is a stand alone machine IR 3 & 6. Also refer Sect.16 Note 3 & Sect.16 General note (VI) Multifunction machines. "...composite machines consisting of two or more machines fitted together to form a whole and other machines designed for the purpose of performing two or more complementary or

Item : **8419.89.90....** Desc : **Other Heat Treatment Machines & Apparatus**

Item considered per specific description and end use of product. This item considered more specific being a Dryer, not a heating unit or heat exchanger.. IR 3 (a) & (c) applic. per specific function. Also refer HS Heading notes below for Chp 8419...

### **(III) EVAPORATING OR DRYING PLANT**

*This plant is constructed in various designs (sometimes for operation in vacuo), to suit different types of materials and their sensitivity to heat. It may be heated directly or indirectly. The heading applies, however, **only** to plant evaporating or drying at a relatively low temperature, and is not to be confused with the industrial furnaces or ovens of **heading 84.17** in which much higher temperatures are developed.*

*The most common forms of the industrial appliances of this heading are :*

*(A) **Evaporators.** These usually take the form of vessels, providing a large surface heated directly or indirectly by steam coils, and often equipped with an evacuator for removing the vapours produced. They may be single or multiple-effect, the latter being similar in operation and construction to multiple-effect stills but without provision for the recuperation of the condensed vapour. "*

Precedents Considered Applic... Nil

**AUTOCLAVES, SATURATED STEAM** STERILISATION, PLC, complying with ISO 11134, having a process validator

**Op. 08.09.04** Dec. date 15.11.04 - **TC 0409191** 50





# Multitron Cell

The ultimate for cell cultivation



- ▶ Optimum conditions
- ▶ Excellent results
- ▶ Intuitive control
- ▶ Antimicrobial surface
- ▶ Access points for external sensors
- ▶ Even easier to clean
- ▶ Hygienic direct steam humidification



[www.infors-ht.com](http://www.infors-ht.com)

May be subject to technical amendments

INFORS

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# Designed for cell cultures

## HIGHLIGHT

### ▶ Optimum conditions

The new design of the Multitron Cell is based on the long experience of experts in cell cultivation. Even temperature distribution, a stable CO<sub>2</sub> supply, the particularly gentle drive system with smooth starting and braking behaviour and the precise regulation of cultivation parameters create reproducible conditions for successful parallel cell cultures.

### ▶ Excellent results

The active yet gentle mixing of cultures in the Multitron Cell produces results around 30% better than in static incubators. The early adaptation of cells to mechanical mixing makes the Multitron Cell ideal for the production of seed cultures for pilot bioreactors.

### ▶ Antimicrobial surface

The inside and outside of the housing and door of the Multitron Cell are coated with a paint additive of pure metallic silver, which reliably kills microorganisms on the surface. The certified antimicrobial surface reduces the bacterial and fungal count by a minimum factor of 10<sup>3</sup>.

### ▶ Hygienic direct steam humidification

The new hygienic direct steam humidification (optional) offers the advantage of even greater consistency in culture volumes and osmotic pressure.

### ▶ Access points for external sensors

Cable pass-throughs on the side allow you to feed sensor cables and additional gas lines into the Multitron Cell. Safe and simple.

### ▶ New: Intuitive control

The newly designed touch controller has modern sensor keys and a newly developed menu structure, allowing parameters to be intuitively switched on and off and set values to be changed.

### ▶ Even easier to clean

The bottom well of the Multitron Cell is easily accessible and can simply be rinsed clean. You can use the outlet nozzle to drain off excess water or liquid cultures (e.g. after a flask breakage).

#### ShakerBag Option – more flexibility in your incubation shaker

The ShakerBag Option provides you with the ability to cultivate mammalian, insect or plant cells in disposable bags with working volumes of 0.2 to 10 L in the orbital incubation shaker.

Direct gassing with air or an air/CO<sub>2</sub> gas mixture makes it possible to supply the separate cultivation bags individually with oxygen and makes for a stable pH value.



#### Applications

- Parallel cultivation
- Screening
- Protein expression
- Media development
- Scale up
- Process development and optimisation
- Biofuels
- Molecular biology (e.g. mini- and maxipreps)

#### Key technical data

- Dimensions (W x H x D):** 1070 x 860 x 550 (without cooling system)
- Maximum capacity:** 6 x 5 l Erlenmeyer flasks
- Maximum expansion:** Stackable, up to 3 units
- Speed ranges:** 30–400 rpm (3 mm stroke) up to 999 rpm, depending on the load and stack
- Control accuracy:** +/- 0.1%
- Temperature range:** 6°C above RT up to 80°C (optionally up to 65°C (without cooling system); 20°C under RT (with side-mounted cooling system); 12°C under RT (with top-mounted cooling system))
- Control accuracy:** +/- 0.2°C
- Standard parameters:** Temperature and speed
- Optional parameters:** Cooling, illumination, humidification, CO<sub>2</sub> control

Infors AG  
Headoffice, Switzerland

Rittergasse 27  
CH-4103 Bottmingen  
T +41 (0)61 425 77 00  
F +41 (0)61 425 77 01  
headoffice@infors-ht.com

For more information and your local sales office please visit:

[www.infors-ht.com](http://www.infors-ht.com)

INFORS

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FI001\_en\_0512



Product : **Laboratory Incubator Shaker...** Contact : s47F Page.1  
 Imptr : **ABN : 26000689618** Phn + s47F ... **Mobile: s47F**  
 Email: s47F invitro.com.au  
 Supplier : **INFORS** CCID : ... **CCC3666349N** Fax : **1300 552 004**

Product : **Laboratory Incubator Shaker ... MULTITRON Cell**

Product Description ; Laboratory Incubator Shaker with even temperature distribution, a stable CO2 supply,

Has gentle drive system with smooth starting and braking behavior and the precise regulation of cultivation parameters create reproducible conditions for successful parallel cell cultures. The early adaptation of cells to mechanical mixing makes the Multitron Cell ideal for the production of seed cultures for pilot bioreactors.

#### **Antimicrobial surface**

The inside and outside of the housing and door of the Multitron Cell are coated with a paint additive of pure metallic silver, which reliably kills microorganisms on the surface. The certified antimicrobial surface reduces the bacterial and fungal count by a minimum factor of 105.

Designed for research laboratories, pharmaceutical companies, universities, pilot plants, etc.

Item : **7326.90.....** Desc : **Steel Articles ...**

Item considered as the prime constituent is metal. Item not applicable per Sect 15 Note (1) Excludes goods from Sect 16 note.1.(f) Machinery & Electrical.

Item : **8414.40.....** Desc : **Blowers & Compressor Units ...**

Item considered because unit does use a pump system to create pressure for the spray drying. Not considered applic. as the unit prime function still relates to Drying.

Exc via HS Heading Notes 8414 Exclusions Industrial Heating etc 8419 & 8479.

IR 3 (a) & (c)

Item : **8418.50 .....** Desc : **Heat Exchange Units**

Item considered because of Basic heating process. Item is not considered applic. as unit is a "Dryer" and therefore does not incorporate processes for the retention of heating process...

Drying unit gain specific mention in Subheading 8419.3...

Refer HS Heading notes 8418. exclude heating & cooling apparatus of 8419...

Item : **9027.80.....** Desc : **Instruments and Apparatus for Chemical analysis ...**

Item considered because machine is a Laboratory item. Item not applic. as the unit prime function is as a Drying Unit and any analysis and recording is secondary to the main function. 3 (a) & (c)

Item : **9032.89.....** Desc : **Electronic Instruments & Apparatus**

Item considered because of electronic programming capabilities of the machine. Item not considered applic. as the unit prime function is as a heating apparatus. IR 3 (a) & (c) Also Chp 90 Note 1(g) gives directions for goods related to Chp 84-85.

Item : **8479.89.....** Desc : **Other Machines & Apparatus ...**

Item considered because various components of machine could be construed multifunctional. Not considered applic. as the unit prime and only real function is for

Refer HS Heading notes 8479. exclude heating & cooling apparatus of 8419...

Drying Processes. IR 3 (a) & (c)



s22(1)(a)(ii)

**From:** s47F (DHL AU) <s47F dhl.com>  
**Sent:** Friday, 31 May 2013 2:21 PM  
**To:** TARCON  
**Cc:** s47F (DHL AU)  
**Subject:** INVITRO Tech IAD1928M Tariff Concessn Applic - Incubator Shakers  
**Attachments:** INVITRO-INFORS Incubator Shaker 80%.pdf; INVITRO Techn.IAD1928M.TCO  
 Applic\_Incubator-Shaker\_Apr.2013.pdf; INVITRO Techn.I0025\_IAD1928M\_TA Info\_Lab  
 IncubatorShaker..doc; INVITRO Tech IAD1928M Tariff Concessn Applic - Incubator  
 Shakers - Local Supplier Response; INVITRO Tech IAD1928M Tariff Concessn Applic -  
 Local Supplier Search; INVITRO Tech IAD1928M Tariff Concessn Applic - Incubator  
 Shakers - Local Supplier Letters

**Categories:** Aeration

**INVITRO Tech IAD1928M Tariff Concessn Applic - Incubator Shakers.**

Best Regards

s47F

**Industry Assistance Division**

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 Accredited Quarantine Broker

**DHL Global Forwarding**

96-106 Link Road  
 Melbourne Airport VIC 3045  
 AUSTRALIA

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13/12989

31 MAY '13 14:38

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s22(1)(a)(ii)

**From:** s22(1)(a)(ii)  
**Sent:** Friday, 31 May 2013 2:46 PM  
**To:** s47F (DHL AU)  
**Subject:** RE: INVITRO Tech IAD1928M Tariff Concessn Applic - Incubator Shakers [SEC=UNCLASSIFIED]

Good Afternoon s47F

We have received your TCO Application on behalf of In Vitro Technology

The receipt date is the 31st of May 2013 and the TCO Number is 13/17989

An acknowledgement will be sent via the post at a later date

Regards

s22(1)(a)(ii)

Senior Customs Officer  
 Tariff Concessions Section  
 Trade Policy and Implementation Branch  
 Australian Customs and Border Protection Service Canberra ACT  
 Ph 02 s22(1)(a)(ii) Fax 02 6275 6376

---

**From:** s47F (DHL AU) [mailto:s47F@dhl.com]  
**Sent:** Friday, 31 May 2013 2:21 PM  
**To:** TARCON  
**Cc:** s47F (DHL AU)  
**Subject:** INVITRO Tech IAD1928M Tariff Concessn Applic - Incubator Shakers

INVITRO Tech IAD1928M Tariff Concessn Applic - Incubator Shakers.

Best Regards

s47F

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 AUSTRALIA

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 Direct : +61 s47F  
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 Mob No: s47F  
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[www.dhl.com](http://www.dhl.com)

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Australian Government

Australian Customs and  
Border Protection Service

Reply to the Chief Executive Officer

Quote: TC 1317989  
Your Ref: IAD 1928M

Australian Customs and  
Border Protection Service  
Customs House  
5 Constitution Avenue  
CANBERRA ACT 2601  
Ph: (02) s22(1)(a)(ii)  
Fax: (02) 6275 6376  
Email: tarcon@customs.gov.au

11 June 2013

s47F  
DHL GLOBAL FORWARDING (AUSTRALIA) PTY LTD  
LOCKED MAIL BAG NO 10  
TULLAMARINE VIC 3043

Dear s47F

**TARIFF CONCESSION SYSTEM**  
**APPLICATION ACKNOWLEDGEMENT**

Your application for a Tariff Concession Order, details of which are shown below, was received in this office on 31 May 2013. The TC number TC 1317989 has been allocated to your application.

Date Received:	31 May 2013
Applicant:	IN VITRO TECHNOLOGIES PTY LTD
Goods:	LABORATORY INCUBATOR
Applicant ABN/CAC	27102379895/001

Yours sincerely,  
s22(1)(a)(ii)

s22(1)(a)(ii)  
Senior Customs Officer  
Tariff Concessions

PRE SCREENING CHECKLIST – TC 1317989

To Delegate of Chief Executive Officer

A pre-screening of this application has been made for compliance with the form, practice statements, Australian Customs Notice 2010/03 and other requirements of Customs and Border Protection. In undertaking your own enquiries, you may wish to consider the following matters.

**Application Form**

- Applicant – IN Vitro Technology Pty Ltd
- Broker – <sup>s47F</sup> [REDACTED]

**1 – Description of Goods**

- Laboratory Incubator

**2 - Illustrative Descriptive Material (IDM)**

- Sufficient

**3 – Tariff Classification**

- Sufficient

**4- Stated use of Goods Supplied**

- Sufficient

**5 – Searches and Results of Searches –**

- Hot Frog
- Ferret
- Google

**6 – Potential LM –**

EGS Indicator – no

s22(1)(a)(ii) [REDACTED]

11 June 2013



Description of Goods including the  
Customs Tariff Classification

Schedule 4 Item Number

8479.89.90      LABORATORY INCUBATOR including ALL of the following:      50  
    (a) temperature range 20 degrees C below room temp up to 65  
        degrees C;  
    (b) 10 to 50 cubic cms capacity;  
    (c) capacity to shake up to 48x 250 ml flasks;  
    (d) multi stack loading;  
    (e) stackable up to 3 units high;  
    (f) shaking speeds 20-999 rpm;  
    (g) capable of shaking up to 5 L flasks

- TC 1317989

Stated Use:

Laboratory Incubators for the simulation and acceleration of microbiological  
growth products

Applicant: IN VITRO TECHNOLOGY

Notes

TCOs existing	NO
Tariff Advice	NO
Q5&6	F 5-6
LM Searches	F 11-32
IDM	F 34-35

Please check words and use



Australian Government  
Australian Customs and  
Border Protection Service

Trade  
Services

All Sites

 Advanced Search

Trade Services &gt; TCO &gt; Laboratory Incubator

## TCO: Laboratory Incubator

New Item | Edit Item | Delete Item | Alert Me | Version History

<b>TCO Number</b>	TC13/17989
<b>Title</b>	Laboratory Incubator
<b>Centre</b>	South
<b>OP Date</b>	31/05/2013
<b>28 Day Due Date</b>	28/06/2013
<b>Date Sent</b>	31/05/2013
<b>Date Due</b>	7/06/2013
<b>Applicant</b>	In Vitro Technology
<b>Broker/Agent</b>	s47F ✓
<b>Goods</b>	Laboratory Incubator
<b>Claimed Classification</b>	8479.89.90
<b>Tariff Screening Officer</b>	
<b>IDM Rejection</b>	
<b>Open TA</b>	
<b>Are the Goods Classifiable</b>	yes
<b>Comments</b>	
<b>Does Wording Reflect Tariff Class</b>	yes
<b>Tariff Classification</b>	8479 89 90
<b>Is TCO Restricted by Reg. 185 (EGS)</b>	No
<b>Comments</b>	
<b>General Duty Rate</b>	5%
<b>Identification of Goods</b>	Laboratory Incubator Shaker with even temperature distribution, and stable CO2 supply.
<b>Tariff Advice No(s)</b>	
<b>Headings Considered</b>	8419 and 8439
<b>Comments and Chapter Notes</b>	Goods do more than just heat they shake the cell cultures and supply a constant CO2 supply
<b>Query Date</b>	
<b>Tariff Officer</b>	s22(1)(a)(ii)
<b>Finalisation Date</b>	3/06/2013
<b>Version Updates</b>	s22(1)(a)(ii) (11/06/2013 2:29 PM): TCO Accepted s22(1)(a)(ii) (31/05/2013 2:50 PM): New Application
<b>Application</b>	Accepted
<b>Attachments</b>	INVITRO Tech IAD1928M Tariff Concessn Applic - Incubator Shakers .msg Receipt for 1317989.msg

Version: 4.0

Created at 31/05/2013 2:50 PM by s22(1)(a)(ii)

Last modified at 11/06/2013 2:29 PM by s22(1)(a)(ii)

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s22(1)(a)(ii)

**From:** s22(1)(a)(ii)  
**Sent:** Monday, 17 June 2013 4:16 PM  
**To:** s47F (DHL AU) (s47F dhl.com)  
**Subject:** REQUEST: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]

**Importance:** High

Hi s47F

I'm processing the above TCO application.

A few questions for below items in red.

- (b) advise location on IDM
- (c) advise location on IDM
- (d) is this within the incubator OR does this mean something else?

LABORATORY INCUBATOR including ALL of the following:

- (a) temperature range 20 degrees C below room temp up to 65 degrees C;
- (b) 10 to 50 cubic cms capacity;
- (c) capacity to shake up to 48x 250 ml flasks;
- (d) multi stack loading;
- (e) stackable up to 3 units high;
- (f) shaking speeds 20-999 rpm;
- (g) capable of shaking up to 5 L flasks

Regards,

s22(1)(a)(ii)

Supervisor | Tariff Concessions | Australian Customs and Border Protection Service | ☎ Ph 02 s22(1)(a)(ii)  
s22(1)(a)(ii) | 📠 02 6275 6376 | ✉ s22(1)(a)(ii)@customs.gov.au

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s22(1)(a)(ii)

**From:** s22(1)(a)(ii)  
**Sent:** Thursday, 20 June 2013 1:03 PM  
**To:** s47F (DHL AU) (s47F dhl.com)  
**Subject:** FW: REQUEST: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]

**Importance:** High

Hi s47F

Wondering how the below request is going?

Thanks,

s22(1)(a)(ii)

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76

s22(1)(a)(ii)

**From:** s47F@invitro.com.au>  
**Sent:** Monday, 24 June 2013 9:37 AM  
**To:** s47F y (DHL AU)  
**Subject:** INVITRO Techn : REQUEST: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]  
**Attachments:** Multitron Pro Brochure.pdf

Hi s47F

Responses below.

Please let me know if you need more information for this application

Regards

s47F

## IN VITRO TECHNOLOGIES PTY. LTD

**A** Unit 21 / 12 Mars Road, Lane Cove, NSW 2066  
**M** s47F  
**T** s47F (Direct)  
 1300156 862 (Customer Care)  
**F** +612 9879 0599 (General)  
 1300 552 004 (Fax Orders)  
**E** s47F [invitro.com.au](mailto:s47F@invitro.com.au)  
**W** [www.invitro.com.au](http://www.invitro.com.au)

**From:** s47F (DHL AU) [mailto:s47F@dhl.com]  
**Sent:** Thursday, 20 June 2013 5:05 PM  
**To:** s47F  
**Cc:** s47F s47F  
**Subject:** INVITRO Techn : REQUEST: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]

Afternoon s47F

s47F is on Leave. Is thr someone else who can attend to this query... Rgs s47F

**From:** s47F (DHL AU)  
**Sent:** Thursday, June 20, 2013 4:56 PM  
**To:** INVITRO-s47F  
**Cc:** Invitro-s47F; s47F (DHL AU); s47F (DHL AU)  
**Subject:** REQUEST: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]  
**Importance:** High

REQUEST: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]

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Hi s47F

I have left a message on your phone. Could you pls verify the three specs below as it they are not shown on the general Catalogue...

Appreciate your assist... Rgs s47F

(b) 10 to 50 cubic cms capacity;

Incubation chamber

Description	Value	Unit
Width	925	mm
Depth	550	mm
Hight	387	mm
Hight with illumination inside	337	mm
Volumn	~200	L

(B)

(c) capacity to shake up to 48x 250 ml flasks;

Yes – see data below based on a stack of 3 incubators

Highest capacity

Despite the footprint the Multitron Pro has the largest tray (850 x 450 mm) in its class. Thus you can shake approximately 144 Erlenmeyer flasks with 250 mL or 18 Erlenmeyer flasks with 5000 mL, for example, on an area of less than one square metre.\*

Load capacity (effective interior height: 387 mm):

Erlenmeyer flasks (mL)	50	100	250	500	1000	2000	3000	5000
Max. capacity (no.)	131	91	48	31	19	13	9	6

(c)

(d) multi stack loading;

You can stack each individual incubator on top of each other creating a 3 stack of incubators.

See image below



(d)



**From:** s22(1)(a)(ii) [mailto:s22(1)(a)(ii)@customs.gov.au]  
**Sent:** Thursday, June 20, 2013 1:03 PM  
**To:** s47F (DHL AU)  
**Subject:** REQUEST: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]  
**Importance:** High

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Thanks,

s22(1)(a)(ii)

Supervisor | Tariff Concessions | Australian Customs and Border Protection Service | Ph 02 s22(1)(a)(ii)  
 | 02 6275 6376 | s22(1)(a)(ii)@customs.gov.au

**From:** s22(1)(a)(ii)  
**Sent:** Monday, 17 June 2013 4:16 PM  
**To:** s47F (DHL AU) (Pat.Convery@dhl.com)  
**Subject:** REQUEST: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]  
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Supervisor | Tariff Concessions | Australian Customs and Border Protection Service | Ph 02 s22(1)(a)(ii)  
| 02 6275 6376 | s22(1)(a)(ii)@customs.gov.au

---

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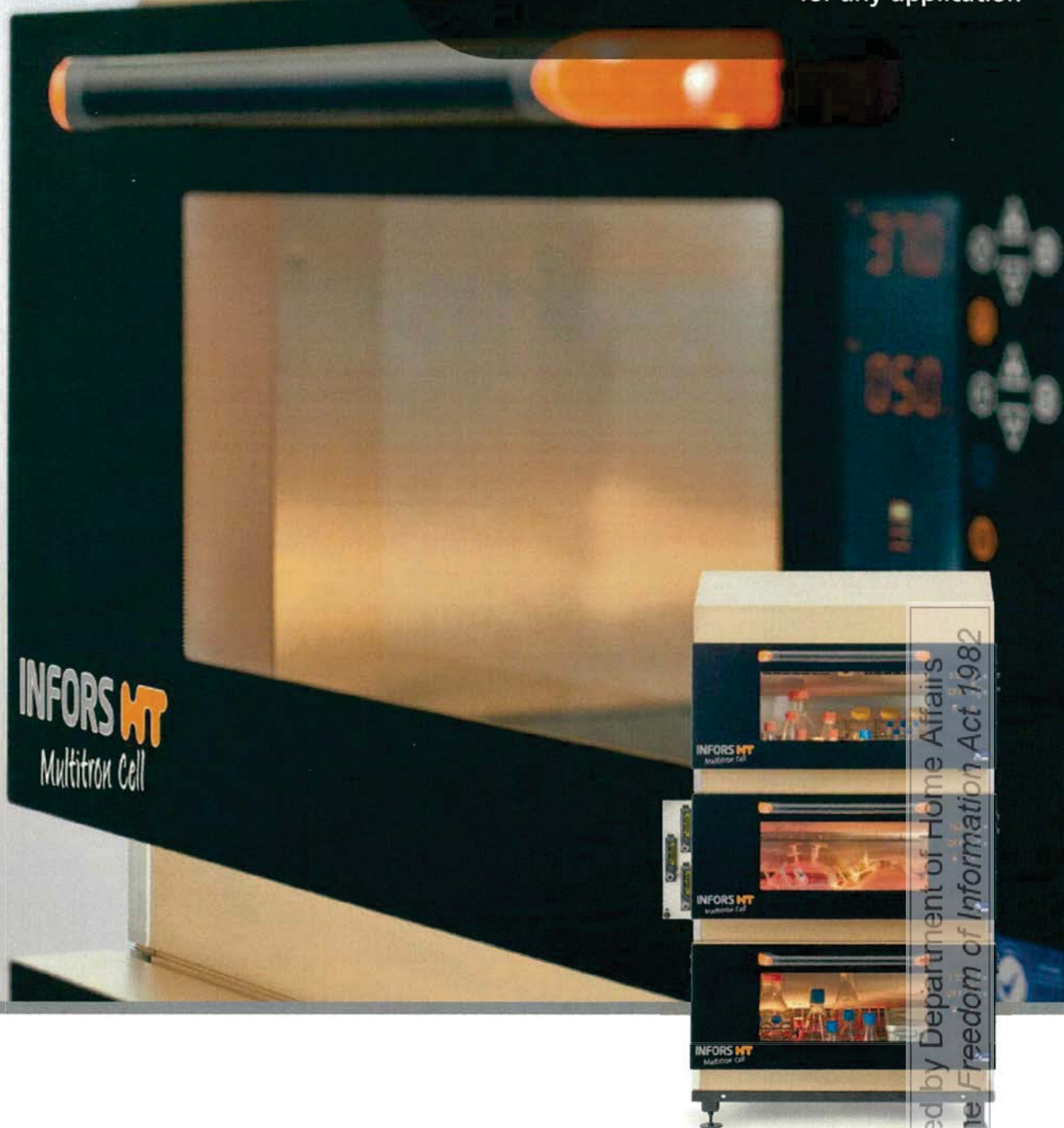
---



Web  
Version  
low resolution

# Multitron Pro Multitron Cell

The professional incubation shakers  
for any application



May be subject to technical amendments.  
Images examples only.

[www.infors-ht.com](http://www.infors-ht.com)

We bring life to your laboratory.

INFORS

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**Two worlds, one philosophy!**  
INFORS HT supports the Masoala rain forest project in Zurich zoo. You can find detailed information at [www.infors-ht.com](http://www.infors-ht.com).

#### Cultivating customer visions

INFORS HT is a company of international reputation in the field of biotechnology

Innovative thinking, quality and an understanding of the needs of our partners has secured INFORS HT an unrivalled place amongst manufacturers of bioreactor and shaker equipment. An enthusiasm for experiment and a vision of the future has guided the company from its establishment in 1963 through its development to become firmly established as an important player in the field of biotechnology engineering. Independent of a distinct line character and a strong team spirit you continue to serve us well in the future. [www.infors-ht.com](http://www.infors-ht.com)

#### About our Quality Label

The quality label of INFORS HT is a label of trust. It is a label of trust in the quality of our products and in the quality of our services. It is a label of trust in the quality of our equipment and in the quality of our personnel. It is a label of trust in the quality of our products and in the quality of our services. It is a label of trust in the quality of our equipment and in the quality of our personnel. It is a label of trust in the quality of our products and in the quality of our services. It is a label of trust in the quality of our equipment and in the quality of our personnel.

**Quality Standards:**

- ISO 9001
- CE
- EN

**For process validation to cGMP:**

- Documentation
- IQ
- OQ
- FAT & SAT



May be subject to technical amendments

## Multitron Pro at a glance

### KEY BENEFITS

- Modern double glass door
- Intuitive control
- High speed
- Space saving
- Modular construction
- Comfortable
- Highly adaptable

Top-mounted cooling

Double glass door

Touch controller

Timer

Remote function

Various base frames

**Space saving**  
Space in the laboratory is at a premium. The Multitron Pro is designed to be compact and efficient. It is a space-saving device that can be operated with a minimum of space. It is a space-saving device that can be operated with a minimum of space. It is a space-saving device that can be operated with a minimum of space.

#### Key technical data

**Dimensions (W x H x D):** 1070 x 850 x 550 mm (without cooling system)  
**Maximum capacity:** 8 x 1.5 l (with optional flask)  
**Speed ranges:** 20-400 rpm (3 min stroke, 10 to 999 rpm, depending on the load)  
**Temperature ranges:** 6°C, above RT typically up to 65°C (without cooling system), 20°C, under RT (with side-mounted cooling system), 12°C, under RT (with top-mounted cooling system). Control accuracy: ±0.2°C  
**Standard parameters:** Temperature and speed  
**Optional parameters:** Cooling, incubation, shaking, etc. (with control)

#### Applications

- Parallel cultivation
- Predefined incubation
- Algebra development
- Predefined incubation
- Predefined incubation
- Predefined incubation
- Predefined incubation
- Predefined incubation



## Multitron in detail

The Multitron Pro and the Multitron Cell manage to combine flexibility, user-friendliness and operational reliability with optimum space utilisation. A number of innovative options for cooling, precise CO<sub>2</sub> control, illumination and hygienic direct steam humidification guarantee the ideal conditions for cultures. With around 500 different designs we meet almost every customer requirement. We are also more than happy to provide special configurations. INFORS HT provides you with Swiss quality with a modern design and a high technological level and environmentally friendly energy consumption.



## KEY FEATURES

**New: Modern double glass door**

most recent years glass has been made and outside, gives the door a much improved insulation which means temperatures of as low as 23°C below room temperature can be achieved with external cooling system). The smooth surface makes demounting easy.

### Highest capacity

Despite the footprint the Addition Pro has the largest tray (859 x 450 mm) in its class. Thus, you can shake approximately 144 Ethersaver flasks with 250 ml or 18 Biotinogen flasks with 500 ml. For example, on an assay of 600, that's one square meter.

Load capacity (effective interior height: 387 mm):

Erlenmeyer flasks (mL)	50	100	250	500	1000	2000	3000	5000
Max. cap- acity (no.)	131	91	36	21	19	13	9	6

### Comfortable



On hand at all times

The closely clasped, drop-down chain serves as a shelf for the pull-out tray at the same time. Another unique feature: the automatic tray release. Your collection vessels are easy to access and to handle at all times.

**Penta Drive: Reliable and quiet**

The innovative Prota line guarantees a quiet and reliable culture than free slaking medium with a slaking speed of up to 200 g per 1000 g of dry matter with a 3 cup stroke. This way, achieve the maximum oxygen transfer for maximum growth in each unit.

May be subject to review of appropriateness by

You can choose from 3 fixed shaking characters, 0.3, 2% or 50 mm, with 2% mm being the most commonly applicable standard. An optional interchangeable shaking character is also available, making it possible to switch between 1.2, 5, 25 and 50 mm.

Shaking diameter	3 mm	25 mm	50mm
Recommended for	Microtiter plates	All applications	Large flasks (> 2 L)
Upper unit	999 rpm	999 rpm*	999 rpm*
Middle unit	999 rpm	999 rpm*	999 rpm*
Lower unit	999 rpm	999 rpm*	999 rpm*
Single machine	999 rpm	999 rpm*	999 rpm*

### Even and exact temperature control

The double glass chest of the Multitron Pro features excellent insulation, together with exact PID control and circulating air fans it guarantees an even temperature distribution and constant conditions for your cultures.

## MULTITRON PRO OPTIONS

### Cooling system

If a set point value of less than 1°C above room temperature is required, a cooling system is needed. All cooling systems are CFC-free and are automatically activated only as required – an environmentally friendly solution.

	Temperature range
Without cooling system	
Side cooling the high-performance version	10°C above RT up to 80°C *
Top-mounted cooling the slimline version	20°C below RT up to 65°C <sub>1</sub> minimum: 14°C
External cooling system the flexible version	10°C below RT up to 80°C *
	minimum: 14°C

### Illumination

For photosynthesis of plant cells and algae or for other phototrophic organisms, various inserts with different light spectra (daylight, photosynthesis) and light strengths are available for selection. The insert can be used to program individual day/night cycles for algae and some plant cultures we recommend a CO<sub>2</sub> control (optional, see type 1 for more information).

### Further options

Further options are available, for example, a mobile temperature sensor, CO-assessing, hygroscopic direct steam humidification, access points for external sensors, UV sterilisation, darkness, security extension for 3 or 5 years etc. Special customer-made items available on request.

Case for which a fee is charged if none is paid

## HIGHLIGHT

**The ultimate in flexibility**  
You benefit from a uniquely flexible system that can be used to grow a wide range of culture vessels.



Ultra-Yield™ and Optimum Growth™ Flakes



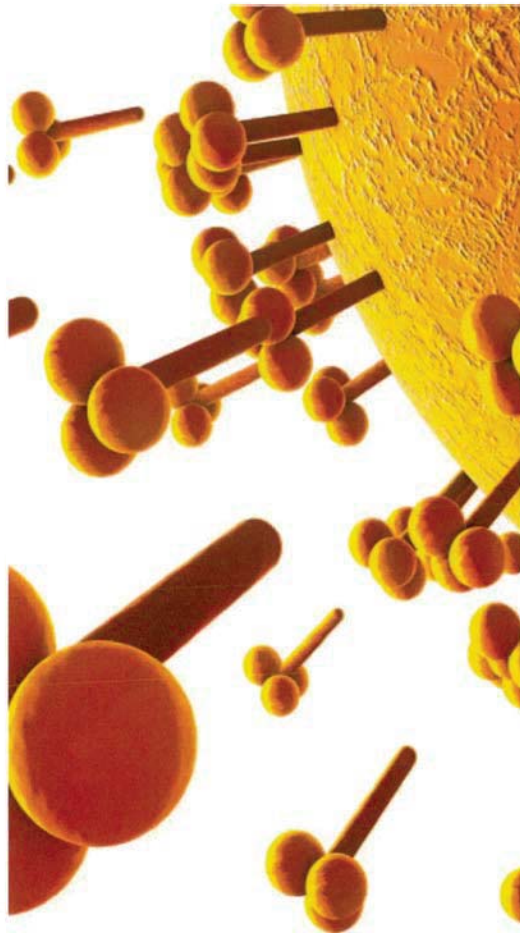
Dénouable cultivation facts





# Multitron Cell – cell cultivation at the highest level

The active but gentle mixing of the cultures in the Multitron Cell provides for a clearly improved cultivation result compared to static incubators. At the same time it ensures that the cells adapt to mechanical mixing at an early stage. The Multitron Cell is therefore ideal, for example, for producing seed cultures for pilot reactors. The newly developed Multitron Cell design is based on many years of experience of experts in cell cultivation and provides you with unique benefits, e.g. the antimicrobial surface and optional hygienic direct steam humidification. For optimum cell growth.



## KEY FEATURES

### Antimicrobial surface



The housing and door of the Multitron Cell are equipped with a joint adhesive of pure methylsilicone which kills off microorganisms which come into contact with the surface. The low level and interplay is reduced by a factor of at least 100. The antimicrobial surfaces can be cleaned just like painted surfaces without any restrictions.

### Access points for external sensors and gas-measuring connection



The side view-through allows you to insert cables, from sensors, other measuring instruments, and additional gas lines, into the Multitron Cell. Simple and safe.

One part of a gas-through is fitted with a ring as standard so that you can easily check the CO<sub>2</sub> concentration in the chamber, e.g. with an 8 mm gas-measuring tube.

## Even easier cleaning

The newly designed smooth bottom well has a white super finish surface with antimicrobial equipment. The Multitron Cell's bottom well is easily accessible and can be safely cleaned wet. You can clean off excess water or culture liquid (e.g. after a flask break) via the outlet nozzle.

## OPTIONS MULTITRON CELL

### Hygienic direct steam humidification

The hygienic direct steam humidification prevents evaporation and makes for a constant culture volume. Thus, the condensation pressure for your cell culture remains low, even with long culture times, and small working volumes, e.g. microtitre plates. Distilled water is dropped onto a hot surface in a controlled manner and the resulting steam is led directly into the incubation chamber. The humidification system does not need to be cleaned due to its completely aseptic design. The new double glass door on the Multitron Cell with improved insulation reliably prevents condensation.

An auto-leakage recovery for connection of up to 1 Multitron units is also optionally available. The 5 L glass flask is sufficient for up to 20 days of humidification in continuous operation (consumption 10 mL per hour and incubation).

May be subject to technical amendments.

## Precise CO<sub>2</sub> control 0–20%

The electronic control of the CO<sub>2</sub> concentration in the incubation chamber is a key element in cultivating mammalian cells, as it keeps the pH value of the culture solution stable. Measurements are made using infrared sensor and controlled CO<sub>2</sub> gasping in the steps of 0–20% are possible. The CO<sub>2</sub> controller is recommended specifically for cultivating mammalian cells in agar.

## Safety for the user and the culture

Safe operation is achieved by a number of devices. The most important ones include:

- Automatic shut-down of the shaker and temperature control when the door is opened
- Automatic test when the door is closed
- Automatic restart and display of power failure
- Monitoring of all parameters
- Optical and acoustic alarm in case a parameter deviates from the set point value
- Triple protection from overtemperature, including manually adjustable temperature limiter
- Safety glass door

Blinding alarm output

Further optional safety devices can also be supplied, e.g. independent monitoring systems with an interface to the process control system.

## Further options

Further options are available, e.g. cooling system, module temperature sensors, UV sterilization, analogue output etc. Special custom made items available on request.

## KEY BENEFITS

- Optimum conditions
- Reduced results
- High-quality results
- Reduced risk of infection
- Easy to use
- Hygienic direct steam humidification



May be subject to technical amendments.

## HIGHLIGHT

### ShakerBag Option – more flexibility in your incubation shaker

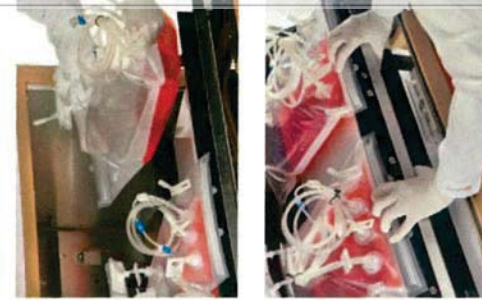
The ShakerBag Option provides you with the ability to cultivate mammalian, insect or plant cells in disposable bags with working volumes of 0.2 to 10 L in the orbital incubation shaker.

Up to 3 x 2 L or 1 x 10 L or 1 x 20 L disposable cultivation bags from various manufacturers can be used in parallel in the same Multitron unit.

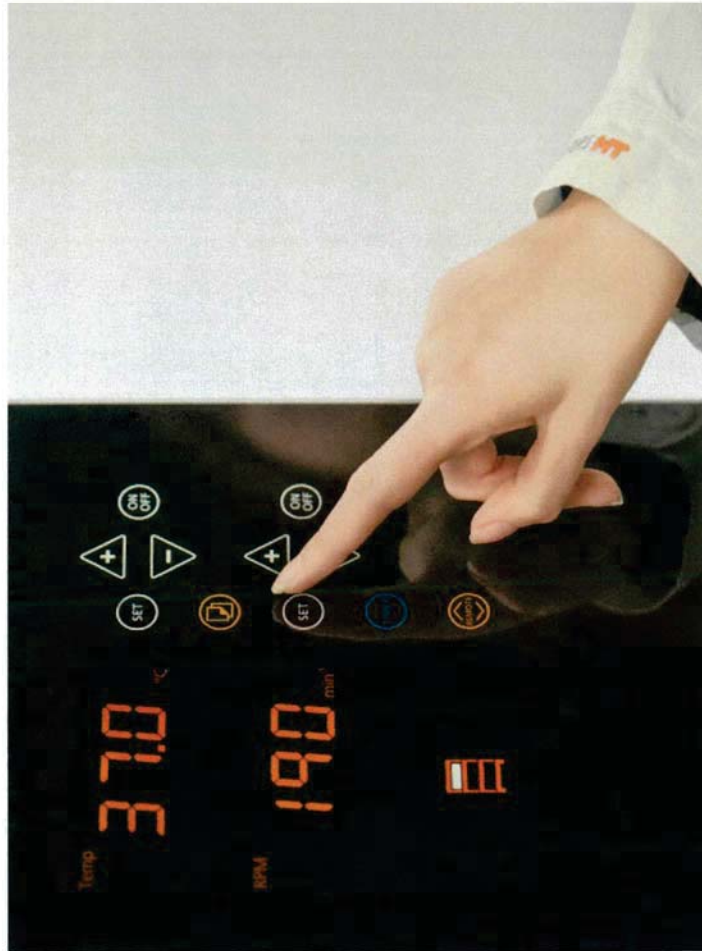
Direct gassing with air or an air/CO<sub>2</sub> gas mixture makes it possible to supply the separate cultivation bags individually with oxygen and makes for a stable pH value. The mobile pH100 regulates the optimum temperature of the cultivation.



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## Touch controller with intuitive control

The newly designed touch controller has modern sensor keys with a separate display field. Thus you can always keep track and the display field keeps clean. The newly developed menu structure has been optimised by usability experts and offers simple and intuitive operation. Numerous features, e.g. the integrated timer or the clever remote function, make for additional control and comfort.

### Intuitive operation

The operating interface of the touch controller has been optimised for installed tests with users, psychologists and others. The result is an intelligent controller which guides the user through the menu with targeted feedback responses. This makes it possible to switch parameters on and off and to preset point values intuitively without having to use the test button necessary.

### The ideal overview

The display field indicates the basic temperature and speed. If more than two parameters are installed, the display switches either automatically or can be switched with the scroll key. Readability at a glance has been greatly improved with large numeric displays and clear symbols. The logical arrangement of functions and colours makes it easy to find out the key makes operation very simple.

### Precise control and monitoring

The sensor keys react immediately to a light touch. Therefore, the functions are protected from being changed or activated accidentally by the intelligent controller.

The integrated timer enables time-controlled changes to parameters. Thus you can easily set a temperature profile for automatic incubation over the weekend, for example.

### Comfortable remote function

With the clear remote function you can also control the parameters of the lower and upper unit – but more comfort when using a mobile unit.

### Easy cleaning

The touch controller is not affected by alcohol vapours from safety glasses and can be cleaned easily.

May be subject to technical amendments

## Parallel bioprocess control software



The Iris parallel bioprocess control software provides flexible options for data logging, customisable feedback control, and data analysis. Peripherals such as biosensors can be connected online to the system. Through integration of both online data and offline analysis results, Iris is the centre for true biological process understanding and control.



### Data mining and interpretation

- Links to external programs and devices via OLE, OPC and RS232
- Full data logging of analytical and calculated process data
- A trend view for display of graphical process data
- Online graphics can be animated for easy reference. Offline analysis data can also be added in real time from the system.

### Reliable process control

- Feedback control using sequences
- Compare different experiments and use the best as recipes or as automated follow files
- Build your own custom control loops with our easy-to-use scripting wizard. The system automatically and continuously monitors operations for special events, preset to trigger changes in the control strategy, e.g., automatic temperature shift.

### Data export

An enhanced reporter module makes creation of batch tickets, data export and printing both comprehensive and simple.

### Easy to use

As the is fully Windows compliant, it is already the most powerful of other applications. Comprehensive help and the easy-to-use combined with many examples provided in the help system, making it easy to learn and use. The system is designed to be used by a wide range of users, from novices to experienced operators.

### FDA compliant

It is a FDA 21 CFR Part 11 compliant, with a proven track record in validated processes.

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"A qualified solution for the inclusion of shake flask data in process validation and process analytical technology (PAT)"

May be subject to technical amendments



# Comprehensive accessories



## Trays

The Multitron trays, at 850 x 470 mm, are the largest in their class and are available in 5 designs.

- **Universal trays** with a drilled grid for individual handling with clamps, test tube holders, holders for microtitre plates and deep well plates.
- **Fixed-load trays** with one size of clamps and holders. The fixed-load trays are checked up in the ideal manner for the flask size and thus offer between 10 and 20% more capacity than universal trays.
- **Clamping rail trays** for incubating vessels with a wide variety of shapes. The clamping rails can be fastened to any position on the support bars.
- **Trays for microtitre plates and deep well plates** with clamping holders for horizontal incubation or angled incubation. Trays are available for up to 72 deep well plates, and up to 144 microtitre plates.

## "Sticky Stuff" adhesive mat trays

The green INFORS HT "Sticky Stuff" adhesive mat is a solution with adjustable flexibility. It can be loaded with any kind of vessel which has a smooth base, with shaking speeds of up to 350 rpm possible. Even other vessels, e.g. microtitre plates, can be shaken on "Sticky Stuff" at up to 220 rpm.

## The benefits of "Sticky Stuff"

- Even, all-round from 15-40°C
- Vessels are easy to remove at all temperatures
- Speeds: up to 350 rpm (see table)
- Long service life
- Easy to clean with just water or a mild soapy water solution
- Reusable
- Drains from 90% - 99% ethanol

## Box for microtitre plates

The top of the box for microtitre plates eliminates evaporation losses. The box also induces evaporation sufficiently in shaking incubators without humidification. The combination of the box and direct steam humidification provides a stable environment for cell culture applications. It's recommended to lock the box and use a microtitre paper filter as a screen for the ventilation opening.



# Qualification

Compliance with regulatory requirements is becoming a critical issue for more users each year. INFORS HT provides a full qualification service with standard or customised packages to meet this need, e.g., cGMP compliance.

## What is available?

The process starts with the Design Qualification and then planning of the procedure for qualification. Testing occurs at many points in the process, and usually ends with a Factory Acceptance Test (FAT).



A package of comprehensive documentation is created and shipped with the shaker. Tests for IQ (Installation Qualification) and OQ (Operational Qualification) can then be made using this information. Site Acceptance Test (SAT) is typically carried out to show the equipment meets all necessary requirements.



Our bio software is compliant with international standards such as FDA 21 CFR Part 11.

An important point to note is that ALL our shakers are manufactured to exactly the same high standards, it is only the amount of testing and documentation which varies.

# Service and support



May be subject to technical amendments

At INFORS HT, we are committed to providing the very highest level of customer support and service, based on our principles of proximity, expertise and efficiency.

- Close and direct contact with our specialists
- Technical and scientific experts
- Fast responses when you need it

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- Customer support (email, phone, on-site)
- Technical solutions for special requests
- Installation and commissioning
- Equipment and application training
- Preventative maintenance

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# As unique as your bioprocess!



Multitron Cell



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INFORS HT equipment is individually adapted to meet the needs of your bioprocess. Our designers and application experts take the time to configure an optimised solution to your needs in partnership with you. Combined with the INFORS HT Iris bioprocess software, the full potential productivity of your cell culture or microbial fermentation can be successfully unlocked.

## From laboratory-scale shaker to pilot-scale bioreactor

As different as these devices are, you will find they have a lot in common:

- Individual configuration for your application
- Simplified handling
- Common operation and control
- Turnkey equipment which is usable "out of the box"
- Exceptional Swiss quality
- Outstanding service and support from day 1

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Operating manual

# Multitron Pro

Incubation Shaker



Dok-ID: V.01.000 - Original

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Engineering and production in Switzerland

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## General Information

# 1 General Information

## 1.1 About this Manual

This manual enables the safe and efficient handling of the equipment.

This manual is a component part of the equipment. It must be kept near to the equipment and must be accessible to the operators at all times. The operators must read thoroughly and fully understand this manual before commencement of any work.

Adhering to all the points, advice and instructions concerning safety and operation in this operating manual is a pre-condition for safe working.

Furthermore, local rules for accident prevention and general safety regulations relevant to the equipment's field of application may be in force.

This manual contains pictures which aid general understanding and can differ from the actual equipment as supplied.



### NOTICE!

*Application notes are available for several issues.  
They are provided as PDF-Downloads on the  
website of the manufacturer.*

**General Information****1.2 Symbols****Safety Instructions**

Safety instructions are labeled using symbols. All safety instructions begin with a word that signifies the degree of hazard. Strictly follow all safety points and act with due caution to avoid accidents, damage to equipment, personal injuries and loss of property.

**DANGER!**

... points out an immediate, dangerous situation that leads to death or severe injuries unless avoided.

**WARNING!**

... points out a potentially dangerous situation that may lead to death or severe injuries unless avoided.

**CAUTION!**

... points out a possibly dangerous situation that leads to slight or minor injuries unless avoided.

**CAUTION!**

... points out a possibly dangerous situation that leads to damage to property unless avoided.

**Hints and Recommendations****NOTICE!**

... highlights useful hints and recommendations as well as information for safe and efficient use of the equipment.



## General Information

### Specific Safety Instructions

The following safety instructions are used to call attention to particular hazards.



#### **DANGER!**

##### **Danger of fatal electric shock!**

... signifies danger by electric current. Non-observance of safety instructions may lead to a severe or fatal physical injury.



#### **WARNING!**

##### **Danger of infectious substances!**

... signifies danger by infectious substances (e.g. liquids which contain bacteria or viruses). Non-observance of safety instructions may lead to serious or fatal infections.

### 1.3 Limitation of Liability

All information and instructions in this manual comply with current standards and regulations, as well as the current state of technology & the manufacturer's knowledge and experience.

The manufacturer will not be held responsible for losses arising from:

- Non-observance of the points listed in the operating manual
- Incorrect and inappropriate use of the equipment
- Unqualified personnel using the equipment
- Arbitrary modifications
- Unauthorised technical changes
- Arbitrary repair
- Utilisation of unauthorised spare parts

The scope of delivery may differ from the explanations, descriptions and figures in this operating manual due to additional options specified on ordering and the latest technical/mechanical modifications.

Obligations stated in the delivery contract, general conditions of contract, the manufacturer's delivery conditions and the current legal regulations at the time of conclusion of the contract will apply.

**General Information****1.4 Copyright Protection**

This operating manual is protected by copyright and exclusively intended to be used for in-house purposes.

To pass this manual on to a third party, to copy or duplicate it – in part or as a whole – and to exploit or communicate its content by transmission outside the workplace is not allowed unless authorised in written form by the manufacturer.

Contravention will lead to liability for damages. All rights are reserved.

**1.5 Spare parts****WARNING!****Safety risk due to incorrect spare parts!**

Inappropriate or faulty spare parts may impair safety and/or may lead to damage, malfunction or complete breakdown

Therefore:

- Use only original spare parts from the manufacturer.

Spare parts may be purchased from an authorised dealer or direct from the manufacturer. See address on page 2

**1.6 Terms of Guarantee**

The terms of the guarantee are included in the manufacturer's general conditions of business contract to supply.

**1.7 Customer Service**

Our customer service is at your disposal for technical advice. See contact details on page 2.

Furthermore, our colleagues are always interested in new information and experiences resulting from user's applications for the equipment which may be valuable for the continued development of our products.

**1.8 Declaration of Conformity**

The equipment's conception & construction fully complies with the safety requirements of the current EC Directive on Machinery.



## Safety

## 2 Safety

This section outlines all important safety aspects for optimal personnel protection and for the safe and error-free operation of the equipment.

Non-observance of the operational descriptions and safety instructions listed in the operating manual may lead to serious hazards.

### 2.1 Responsibility of the operator

The equipment is used in industrial domains, institutes and academic workplaces. Therefore an operator is individually liable with regard to statutory duties relating to operational safety.

All regulations concerning health & safety, accident prevention and environmental protection of the workplace must be complied with alongside all safety instructions in this manual. In particular:

- The operator must be informed about the current industrial safety regulations. He must carry out a risk assessment to identify additional hazards due to special working conditions related to the equipment's area of application. They must declare these hazards in the form of directives for the equipment's operation.
- The operator must ensure that these directives comply with current legal regulations and adapt them as necessary.
- The operator must clearly regulate and define responsibility for installation, operation, maintenance and cleaning.
- The operator must ensure that all employees using the equipment have read and understood the operating manual. Beyond that, he must provide training and inform personnel at regular intervals regarding potential dangers.
- The operator must provide the employees with the necessary protective equipment.

Furthermore, the operator is responsible for the equipment's maintenance in correct operational condition. Therefore, the following applies:

- The operator must ensure that the maintenance frequency, as stated in the operating manual, is adhered to.
- The operator must ensure that all safety devices are checked regularly for efficiency and integrity.

## 2.2 Requirements for qualified personnel



### WARNING!

**Risk of injury when used by anyone inadequately qualified!**

Inappropriate use of the equipment may lead to serious physical injury and material damage.

Therefore:

- All operations must be executed by qualified personnel only.

The following qualifications for different operations are listed in the operating manual:

#### ■ Qualified electrician

is capable of carrying out work on electrical systems, identifying and avoiding possible hazards independently due to their professional standing, experience, skills and knowledge of relevant standards and regulations.

The qualified electrician is familiar with the site on which they are operating and knows the relevant standards and regulations.

#### ■ Qualified personnel

are capable of carrying out the assigned work, identifying and avoiding possible hazards independently due to their professional standing, experience, skills and knowledge of relevant standards and regulations.

#### ■ Qualified personnel in biology, biotechnology or chemical engineering

are capable of carrying out work in the field of biology, biotechnology or chemical engineering alongside the chemical or biological process chain due to their professional standing, experience, skills and knowledge of relevant standards and regulations.

This includes regulations concerning health and environmental protection, safety at work, plant safety and taking quality management into account at work. They are capable of identifying and avoiding possible hazards independently. The qualified personnel in biology, biotechnology or chemical engineering are familiar with the site on which they are operating and know the relevant standards and regulations.



## Safety

### 2.2.1 Unauthorised persons



#### **WARNING!**

##### **Danger for unauthorised persons!**

Unauthorised persons are those who do not fulfill the criteria described here and so may not appreciate any of the dangers related to operation.

Therefore:

- Keep unauthorised people away from the area of operation.
- Challenge and remove any such persons from the area of operation, if in doubt.
- Halt operation as long as unauthorised personnel remain in the area of operation

### 2.3 Conventional use of the equipment

The equipment is designed and constructed only for conventional uses as described here.

Conventional use of the equipment also includes following all instructions in this operating manual.

Each instance of non-conventional use is considered as misuse and may lead to dangerous situations.

#### **Danger by misuse**



#### **WARNING!**

##### **Danger by misuse!**

Misuse of the equipment may lead to dangerous situations.

In particular, desist from using the equipment in any of the following ways:

- Pressure tests beyond clearly states limits
- High temperature or cold tests

All claims due to loss or damage arising from non-conventional use of the equipment will not be considered.

Following cultivation receptacles are admitted for the use in the incubation shaker:

Flasks with a plane bottom made from borosilicate glass (3.3) (e.g. Schott Duran® glass) or polycarbonate (e.g. Corning®):

**Safety****CAUTION!**

**Risk of loss of property caused by increased abrasion due to incorrect loading of the tray!**

Drive and mechanical parts of the shaking table may be damaged if other type of flasks as permitted or larger working volumes as permitted are used.

Therefore:

- Use only flasks with a plane bottom.
- Working volume must not be more than 1/3 of the total volume of the flask.
- Do not use flow diffusing inserts in the flasks.

Erlenmeyer flasks up to 5000 ml

Fernbach flasks up to 3000 ml

Other receptacles:

Test tube racks

Microtiter plates

Deep-well plates

The equipment is conventionally used only as a shaker for:

- shaking of microbial cultures (model for microbial cultures)
  - Algae



## Safety

### 2.4 Personal protective equipment

It is essential to wear personal protective equipment to minimise health hazards

- Always wear the personal protective equipment which the particular activity requires.
- Always follow instructions available in the workplace, regarding the use of personal protective equipment

#### Wearing for a particular activity

Personal protective equipment is required when executing particular activities. This is indicated within the individual chapters of this manual. The personal protective equipment is explained as follows:

#### Strictly to be worn

Strictly to be worn for all activities:



##### Protective clothes

To protect against contamination and carryover of viable organisms. Must be tight-fitting and only slightly tear proof work clothes with tight sleeves and no loose material.



##### Protective cap

To protect against contamination and carryover of viable organisms.



##### Protective gloves (chemical resistant)

To protect hands from aggressive substances. Check gloves are impermeable before use. Clean gloves before taking them off and store in a well-ventilated location after use.



##### Safety goggles

To protect the eyes against liquid splashes



##### Safety shoes

To protect against loose materials falling and slipping on substances coating the floor.

## 2.5 Particular hazards

The following section contains additional risks which were identified on the basis of a risk assessment.

- Observe all safety instructions and warning notices in this and the following sections, in order to reduce health hazards and to avoid dangerous situations.

### Electric current



#### **DANGER!**

#### **Danger of fatal electric shock!**

There may be fatal danger by touching components connected to a mains power supply (single or 3-phase). Damage to insulation or components may have fatal consequences!

Therefore:

- Immediately turn off the electrical supply when the insulation is damaged and initiate a repair.
- Qualified electricians only must be used to make these repairs on the electrical system.
- Disconnect electrical components from the mains supply and check whether it is electrically isolated before making any repairs.
- Turn off the electrical supply and lock off any isolation switch before commencing maintenance, cleaning or repairing.
- Do not bypass fuses or take them out of operation. Adhere to the correct rates (in Amps) when replacing fuses.
- Keep components which are electrically powered away from humidity, as excessive moisture may lead to short circuit.
- Do not expose equipment to inappropriate environmental temperatures outside the stated operating range.
- Never open the housing covers of the basic unit and control panel when the electrical supply is turned on.



## Safety

### Biohazard



**WARNING!**  
**Biohazard!**

Noncompliance with biological safety regulations increases the health risk of the operator and the risk of lower equipment functionality.

Therefore:

- Strictly follow all biological safety regulations
- Decontaminate and clean every part that comes in contact with any infectious biochemical substances.

### Dangerous gases



**WARNING!**  
**Risk of explosion, risk of asphyxiation and high risk of danger to the health due to dangerous gases!**

Non-compliance with safety regulations regarding the use of dangerous gases such as e.g. O<sub>2</sub>, N<sub>2</sub>, CO<sub>2</sub> or inappropriate handling contains a risk of explosion or asphyxiation and a high health risk for the user depending on the type of gases used.

Therefore:

- Strictly adhere to safety regulations regarding the use and handling of dangerous gases.
- Strictly follow the instructions in this operating manual regarding gas supply and handling of gases and exhaust gas.

### Moving parts



**WARNING!**  
**Risk of injury due to moving parts.**

Parts that are rotating or moving linearly can cause serious injuries.

Therefore:

- Do not reach into moving parts nor work on or near moving parts.
- Do not open covers while the equipment is operating.
- Pay attention to the stopping time:  
Make sure that all parts have stopped moving before opening any covers.
- Wear close-fitting protective work clothing in the danger zone.

Technical data

Base unit

Description	Value	Unit
Width	1070	mm
Single unit height	520	mm
2-unit staple height	1040	mm
3-unit staple height	1560	mm
Base unit (with door handle) depth	880	mm
Base unit (with open door) depth	1160	mm
Base depth	715	mm

Incubation chamber

Description	Value	Unit
Width	925	mm
Depth	550	mm
Hight	387	mm
Hight with illumination inside	337	mm
Volumn	~200	L

Base frame

Description	Value	Unit
Rubber feet	30	mm
Trolley	90	mm
Frame low	130	mm
Frame high	310	mm



s22(1)(a)(ii)

**From:** s47F (DHL AU) <s47F dhl.com>  
**Sent:** Thursday, 27 June 2013 11:53 AM  
**To:** s22(1)(a)(ii)  
**Subject:** REQUEST: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]  
**Attachments:** REQUEST: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]; INVITRO Techn : REQUEST: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]

Morning s22(1)(a)(ii) have change the text of the 1<sup>st</sup> item, pls check and advice if any issues... Rgs s47F

(b) Volume Capacity less than 200 Ltr; (ref page 23 attachment 1) (B)

(c) Shake capacity to shake up to 48x 250 ml flasks; (ref page 4 attach 2)

(d) multi stack loading; (ref page 3 attach 2)

**From:** s47F [mailto:s47F invitro.com.au]  
**Sent:** Wednesday, June 26, 2013 4:42 PM  
**To:** s47F (DHL AU)  
**Subject:** REQUEST: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]

Approx. 200L

I think if you do the calculation based on the size then it is 197L (B)

Regards

s47F

#### IN VITRO TECHNOLOGIES PTY. LTD

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 T s47F (Direct)  
 F 1300156 862 (Customer Care)  
 +612 9879 0599 (General)  
 1300 552 004 (Fax Orders)  
 E s47F [invitro.com.au](mailto:s47F@invitro.com.au)  
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 The standard in cell culture

- For animal and insect cells, as well as plant and algae cultivation
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- Excellent temperature uniformity
- CO<sub>2</sub> control and hygienic Direct Steam Humidification
- Variable cooling systems
- Stackable and delivered ready to use
- Unparalleled support and customer service

**From:** s47F (DHL AU) [mailto:s47F dhl.com]  
**Sent:** Wednesday, 26 June 2013 3:52 PM  
**To:** s47F  
**Subject:** REQUEST: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]

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under the Freedom of Information Act 1982

Volumn ~200 L ... What does that mean. Less than 200 Ltr or Approx 200 Ltr ??? Thnks [REDACTED]

**From:** [REDACTED] [mailto:[REDACTED]@invitro.com.au]  
**Sent:** Wednesday, June 26, 2013 3:11 PM  
**To:** [REDACTED] (DHL AU)  
**Subject:** RE: REQUEST: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]

Refer page 23.

Regards

[REDACTED]

#### IN VITRO TECHNOLOGIES PTY. LTD

**A** Unit 21 / 12 Mars Road, Lane Cove, NSW 2066  
**M** [REDACTED]  
**T** [REDACTED] (Direct)  
 1300156 862 (Customer Care)  
**F** +612 9879 0599 (General)  
 1300 552 004 (Fax Orders)  
**E** [REDACTED]@invitro.com.au  
**W** www.invitro.com.au

**From:** [REDACTED] (DHL AU) [mailto:[REDACTED]@dhl.com]  
**Sent:** Thursday, 20 June 2013 4:56 PM  
**To:** [REDACTED]  
**Cc:** [REDACTED]; [REDACTED] (DHL AU); [REDACTED] (DHL AU)  
**Subject:** REQUEST: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]  
**Importance:** High

REQUEST: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]

Hi [REDACTED]

I have left a message on your phone. Could you pls verify the three specs below as it they are not shown on the general Catalogue...

Appreciate your assist... Rgs [REDACTED]

(b) 10 to 50 cubic cms capacity;

(c) capacity to shake up to 48x 250 ml flasks;

(d) multi stack loading;

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**From:** s22(1)(a)(ii) [mailto:s22(1)(a)(ii)@customs.gov.au]  
**Sent:** Thursday, June 20, 2013 1:03 PM  
**To:** s47F (DHL AU)  
**Subject:** REQUEST: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]  
**Importance:** High

Hi s47F

Wondering how the below request is going?

Thanks,

s22(1)(a)(ii)

Supervisor | Tariff Concessions | Australian Customs and Border Protection Service | Ph 02 s22(1)(a)(ii)  
 | 02 6275 6376 | s22(1)(a)(ii)@customs.gov.au

**From:** s22(1)(a)(ii)  
**Sent:** Monday, 17 June 2013 4:16 PM  
**To:** s47F (DHL AU) (s47F y@dhl.com)  
**Subject:** REQUEST: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]  
**Importance:** High

Hi s47F

I'm processing the above TCO application.

A few questions for below items in red.

- (b) advise location on IDM
- (c) advise location on IDM
- (d) is this within the incubator OR does this mean something else?

LABORATORY INCUBATOR including ALL of the following:

(a) temperature range 20 degrees C below room temp up to 65

degrees C;

(b) 10 to 50 cubic cms capacity;

(c) capacity to shake up to 48x 250 ml flasks;

(d) multi stack loading;

(e) stackable up to 3 units high;

(f) shaking speeds 20-999 rpm;

(g) capable of shaking up to 5 L flasks

Regards,

s22(1)(a)(ii)

Supervisor | Tariff Concessions | Australian Customs and Border Protection Service | Ph 02 s22(1)(a)(ii)  
02 6275 6376 | s22(1)(a)(ii)@customs.gov.au

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s22(1)(a)(ii)

**From:** s47F <s47F@invitro.com.au>  
**Sent:** Wednesday, 26 June 2013 3:11 PM  
**To:** s47F (DHL AU)  
**Subject:** REQUEST: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]  
**Attachments:** Multitron Pro User Manual.pdf

Refer page 23.

Regards

s47F

# IN VITRO TECHNOLOGIES PTY. LTD

**A** Unit 21 / 12 Mars Road, Lane Cove, NSW 2066  
**M** s47F  
**T** s47F (Direct)  
**F** 1300156 862 (Customer Care)  
**F** +612 9879 0599 (General)  
**E** 1300 552 004 (Fax Orders)  
**W** s47F [invitro.com.au](mailto:s47F@invitro.com.au)  
[www.invitro.com.au](http://www.invitro.com.au)

**From:** s47F (DHL AU) [mailto:s47F@dhl.com]  
**Sent:** Thursday, 20 June 2013 4:56 PM  
**To:** s47F  
**Cc:** s47F; s47F (DHL AU); s47F (DHL AU)  
**Subject:** REQUEST: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]  
**Importance:** High

REQUEST: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]

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Appreciate your assist... Rgs s47F

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(c) capacity to shake up to 48x 250 ml flasks;

(d) multi stack loading;

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s22(1)(a)(ii)

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 | 02 6275 6376 | s22(1)(a)(ii)@customs.gov.au

**From:** s22(1)(a)(ii)  
**Sent:** Monday, 17 June 2013 4:16 PM  
**To:** s47F (DHL AU) (Pat.Convery@dhl.com)  
**Subject:** REQUEST: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]  
**Importance:** High

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- (d) is this within the incubator OR does this mean something else?

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degrees C;

(b) 10 to 50 cubic cms capacity;

(c) capacity to shake up to 48x 250 ml flasks;

(d) multi stack loading;

(e) stackable up to 3 units high;

(f) shaking speeds 20-999 rpm;

(g) capable of shaking up to 5 L flasks



Regards,

§22(1)(a)(ii)

Supervisor | Tariff Concessions | Australian Customs and Border Protection Service | ☎ Ph 02 §22(1)(a)(ii)  
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Description of Goods including the Customs Tariff Classification	Schedule 4 Item Number
<p>8479.89.90 INCUBATORS, LABORATORY, having ALL of the following:</p> <p>(a) temperature range NOT less than -20 degrees C and NOT greater than 65 degrees C;</p> <p>(b) chamber capacity NOT greater than 200 litres;</p> <p>(c) load capacity NOT greater than 48 x 250 ml flasks;</p> <p>(d) multi stack loading;</p> <p>(e) stackable modules, NOT greater than 3 units high;</p> <p>(f) shaking speed NOT less than 20 rpm and NOT greater than 999 rpm;</p> <p>(g) capacity to shake 5 L flasks</p> <p>Op. 31.05.13 - TC 1317989</p> <p>Stated Use: For the simulation and acceleration of microbiological growth products</p> <p>Applicant: IN VITRO TECHNOLOGY PTY LTD</p>	50

o F42 - IBM REQUEST

o IBM - (a) F34

(b) F80 (BROKER EXPLANATION), F47/75.

(c) F75 'LOAD CAPACITY'

(d) F75, 71

(e) F75

(f) F34, 65

(g) F34.

s22(1)(a)(ii)



s22(1)(a)(ii)

**From:** s22(1)(a)(ii)  
**Sent:** Tuesday, 2 July 2013 1:59 PM  
**To:** s47F (DHL AU) (s47F dhl.com)  
**Subject:** AMENDED WORDING: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]  
**Importance:** High

Good afternoon s47F

Please see below amended wording for your possible agreement.

INCUBATORS, LABORATORY, CELL CULTIVATION, having ALL of the following:

- (a) Temperature range NOT less than minus 20 degrees C and NOT greater than 65 degrees C;
- (b) Incubation chamber volume NOT greater than 200 L;
- (c) Double glass doors;
- (d) Touch controller

Regards,

s22(1)(a)(ii)

Supervisor | Tariff Concessions | Australian Customs and Border Protection Service | ☎ Ph 02 s22(1)(a)(ii)  
| 📠 02 6275 6376 | ✉ s22(1)(a)(ii)@customs.gov.au

s22(1)(a)(ii)

RETHINK OF WORDING, ADVISED  
SHOULD LIST FEATURES AS ABOVE.

s22(1)(a)(ii)

s22(1)(a)(ii)

**From:** s47F (DHL AU) <s47F dhl.com>  
**Sent:** Tuesday, 2 July 2013 3:41 PM  
**To:** s22(1)(a)(ii)  
**Cc:** s47F (DHL AU); s47F (DHL AU); INVITRO s47F  
**Subject:** AMENDED WORDING: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]

Afternoon s22(1)(a)(ii) Agreed wording as discussed. We have removed the Double Glass Doors as this does not feature in all models... Many Thanks s47F

Please see below amended wording for your possible agreement.

INCUBATORS, LABORATORY, CELL CULTIVATION, having ALL of the following:

- (a) Temperature range NOT less than minus 20 degrees C and NOT greater than 65 degrees C;
- (b) Incubation chamber volume NOT greater than 200 L;
- (c) Touch controller

**From:** s22(1)(a)(ii) [mailto:s22(1)(a)(ii) customs.gov.au]  
**Sent:** Tuesday, July 02, 2013 1:59 PM  
**To:** s47F (DHL AU)  
**Subject:** AMENDED WORDING: TCO 1317989 - Laboratory incubator [SEC=UNCLASSIFIED]  
**Importance:** High

Good afternoon s47F

Please see below amended wording for your possible agreement.

INCUBATORS, LABORATORY, CELL CULTIVATION, having ALL of the following:

- (a) Temperature range NOT less than minus 20 degrees C and NOT greater than 65 degrees C;
- (b) Incubation chamber volume NOT greater than 200 L;
- (c) Double glass doors;
- (d) Touch controller

Regards,

s22(1)(a)(ii)

Supervisor | Tariff Concessions | Australian Customs and Border Protection Service | Ph 02 6275 6376 | s22(1)(a)(ii)@customs.gov.au

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## TARIFF CONCESSION ORDER

Under Section 269P of the Customs Act 1901, I, §22(1)(a)(ii) a delegate of the Chief Executive Officer declare that the goods specified in Column 1 of THE TABLE are goods to which the item in Part III of Schedule 4 to the Customs Tariff Act 1995 specified in Column 2 of THE TABLE applies. This Order shall have effect from 31.05.13 and continue in force until revoked under sections 269SC or 269SD of the Act, or the date, if any, specified in Column 2.

## THE TABLE

COLUMN 1 Description of Goods including the Customs Tariff Classification	COLUMN 2 Schedule 4 Item Number Last date of effect
8479.89.90 INCUBATORS, LABORATORY, CELL CULTIVATION, having ALL of the following: (a) temperature range NOT less than minus 20 degrees C and NOT greater than 65 degrees C; (b) incubation chamber volume NOT greater than 200 L; (c) touch controller  Op. 31.05.13	50
- TC 1317989	

This is page 1 of 1 Page of the above Table.

Dated 02 September 2013

§22(1)(a)(ii)

Delegate of the Chief Executive Officer

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89

Description of the Particular goods including the applicable subheading of the Customs Tariff	Schedule 4 Item Last day of effect
<p>8479.89.90 INCUBATORS, LABORATORY, CELL CULTIVATION, having ALL of the following:</p> <ul style="list-style-type: none"><li>(a) temperature range NOT less than minus 20 degrees C and NOT greater than 65 degrees C;</li><li>(b) incubation chamber volume NOT greater than 200 L;</li><li>(c) touch controller</li></ul> <p>Op. 31.05.13                      Dec. date 02.09.13                      - TC 1317989</p>	50

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