AUSTRALIAN CUSTOMS SERVICE

APPLICATION FOR A TARIFF CONCESSION ORDER (TCO)

(APPROVED FORM - SECTION 269F, CUSTOMS ACT 1901)

Please read the Guidance Notes carefully before completing.

APPLICANT (IMPORTER) DETAILS

Applicant's Name JOHN MORRIS SCIENTIFIC PTY LIMITED	
Business address 61-63 VICTORIA AVENUE, CHATSWOOD NSW 2067	
Postal address *(if the same as business address write "as above")* PO BOX 447, WILLOUGHBY NSW 2068	
Applicant's Reference GILSON	Owner Code 0394995J
Company Contact s47F	Position held s47F
Phone Number (02) s47F	Fax Number (02) 417 8855

94 SEP 30 09:56

AGENT DETAILS (IF APPLICABLE)

ACN	Name of Agent
Business address	
Postal address *(if the same as business address write "as above")*	
Agent's Reference	
Phone Number	Fax Number
Company Contact	Position held

DESCRIPTION OF GOODS

1. **A full description of the goods for which a TCO is being sought (the goods)**

ROBOTIC LABORATORY LIQUID HANDLER WITH KEYPAD PROGRAMMABLE TO ASPIRATE, DISPERSE, MIX, DILUTE, RINSE AND TRANSFER LIQUIDS. TO INCLUDE STANDARD OPTIONS, RACKS, NEEDLES, DRIVER SOFTWARE, MANAGER SOFTWARE AND SYRINGES.

2. **Tariff Classification (to subheading level - ie. 8 figures)** 8 4 7 9 8 9 9 0

3. **Technical, illustrative descriptive matter or sample of the goods attached** YES ☑ NO ☐

(If "NO" provide reasons why material is not available) .....

4. **Use(s) of the goods (including design use(s))**

1) SPECTROPHOTOMETRY

2) AUTOMATED PH MEASUREMENT

3) ICP SPECTROSCOPY

SUBSTITUTABLE GOODS

5. Are there any substitutable goods produced in Australia?

YES ☐ Go to question 6

NO ☒ Go to question 16

Note: If submissions are received from local manufacturers in respect of substitutable goods, Customs will consider these in relation to the applicant's case. Customs is not required to seek further evidence from the applicant.

6. Describe the substitutable goods

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7. Provide the names and addresses of the manufacturers of those goods

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MARKET INFORMATION

8. Identify and describe the market(s) in which the goods are or are to be sold in Australia

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9. Indicate the size of the total market described in question 8

GROSS SALES REVENUE ☐ UNITS SOLD ☐

10. What percentage of the total market do the locally produced substitutable goods currently occupy in terms of gross sales revenue per annum?

☐ %

11. What is the likely percentage reduction in the market share of the locally produced substitutable goods if a TCO is granted?

☐ %

12. Average unit selling price of the goods as described in question 1 $ ☐

13. Average unit selling price of the locally produced substitutable goods $ ☐

14. At what level of the market were the answers to questions 12 and 13 assessed?

☐ wholesale ☐ retail ☐ other

15. Indicate the source on which you have based the market information and specify details

☐ based on experience ☐ official government publications

☐ trade and industry associations/publications ☐ other sources (specify)

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16. **Provide any comments you wish to make in support of your application**

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I, s47F	**Position Held** s47F
Company JOHN MORRIS SCIENTIFIC PTY LIMITED	

declare that:

1. **To the best of my knowledge and belief the information contained in this submission is correct.**
2. **I have the authority to act on behalf of the company.**
3. **I understand that admission of goods under a Tariff Concession Order does not absolve me from the obligation to comply with any other law or regulation relating to the importation of goods.**

Signature of Applicant/Agent s47F 28 / 9 /1994

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

WHEN THIS SECTION OF THE FORM HAS BEEN COMPLETED, LODGE IT WITH CUSTOMS BY:

- posting it by prepaid post to the Manager, Tariff, Australian Customs Service, Customs House, CANBERRA ACT 2601; or
- leaving it at a place that has been allocated for lodgement of TCO applications at Customs House Canberra; or
- sending it by facsimile to (06) 2756376

Gilson 221 XL and 222 XL Liquid Handlers

Easy-to-use robotic liquid handlers automate sample preparation and transfer

GILSON®

If you could benefit by automating the preparation and handling of liquid samples in your analytical procedures, consider the many possibilities of a Gilson Liquid Handler. Model 221 XL and 222 XL Liquid Handlers can be configured as stand-alone sample prep devices, easy-to-use sample transfer instruments or as slave devices to be integrated in a system to automate sample prep and transfer. These robotic liquid handlers offer tremendous potential and flexibility in automating routine procedures for increased throughput and accuracy of results.

Increase throughput with automatic transfer of samples to analytical instruments

Common applications for automated liquid transfer with Gilson Liquid Handlers include ICP, DCP, AA spectrophotometry and Flow Injection Analysis. In these applications, the liquid handler transfers sample to or through the analytical instrument. You can use the liquid handler's keypad to set up the process, or the liquid handler can be driven by the analytical instrument. Control is through contact closure I/O's for simple coordination with the analytical instrument. An RS-232 serial interface is also available for computer control.

For applications requiring a high degree of volumetric accuracy, a 221 XL or 222 XL Liquid Handler can be configured with a Gilson 401 Dilutor.

As sample transfer devices, 221 XL and 222 XL Liquid Handlers are most often configured with a Gilson Minipuls 3 Peristaltic Pump. With up to ten rollers — compared to as few as three for some other peristaltic pumps — Minipuls 3 Pumps provide uncommonly smooth flow. In fact, the high number of rollers results in nearly pulse-free pumping.

Assure accuracy of aspirating, dispensing and dilution functions in sample preparation

For applications requiring precise volumes, a 221 XL or 222 XL Liquid Handler can be matched with a Gilson 401 Dilutor. With this configuration, you can assure accuracy in even the most complex sample prep procedures. The 401 Dilutor picks up and delivers sample with an error of less than 1% and a precision of better than 0.5% CV at 10% of syringe capacity.

With the 401 Dilutor, Gilson Liquid Handlers can be configured to dilute samples, add and mix reagents and pipette aliquots of a mixture into empty tubes. In other words, you can automate virtually any sample prep procedure you're now doing manually. The 221 XL or 222 XL/401 can function as a stand-alone device for sample prep or combine sample prep with automatic transfer of the prepared samples to an analytical instrument.

Built for easy, unattended operation

Several features of the 221 XL and 222 XL make method development easy and enable unattended operation...even overnight:

- **Task-oriented software that uses the language of the laboratory**, not computer programming. To build and execute protocols, simply select the tasks in the order in which you want them performed — such as Add, Aliquot, Dilute, Dispense, Load Analyser, etc.

Task-oriented software uses the language of the laboratory — add, mix, dispense, load analyser, rinse needle — to create automated liquid handling protocols.

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Name: File 11.LST 10-31-1992 3:45a

1-Begin loop
2-Rinse needle
— — — — — — Inside — — — — — —
            Rinsing volume (µl)          :100
            Disp. flowrate (ml/min)      :50.00
— — — — — — Outside — — — — — —
            Rinsing volume (µl)          :100
            Disp. flowrate (ml/min)      :20.00
            Depth (mm)                   :40
3-Dispense
— — — — — Source zone — — — — —
            Zone name                    :RESERVOIR
            Asp. flow. (ml/min)          :6.00
— — — — — Result zone — — — — —
            Zone name                    :SAMPLE
            Volume (µl)                  :150
            Disp. flow. (ml/min)         :25.00
4-Mix
— — — — — Source zone — — — — —
            Zone name                    :SAMPLE
— — — — — Mixing method — — — — —
            Mixing method                :ASP/DISP
            Liquid volume (µl)           :150
            Asp./Disp. (ml/min)          :50.00
            Number of cycles             :2
5-Load analyzer
— — — — — Source zone — — — — —
            Zone name                    :SAMPLE
            Volume (µl)                  :225
            Asp. flow. (ml/min)          :50.00
            Disp. flow. (ml/min)         :50.00
            Number of replicates         :0
6-Wait
— — — — — — Time — — — — — —
            Delay (min)                  :0.10
7-End loop
```

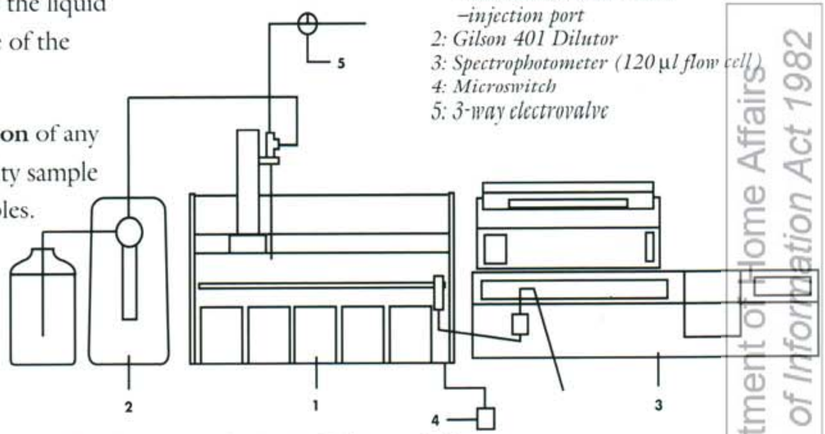
• **Reliable stationary rack system reduces the risk of mechanical problems.** During operation, the 221 XL and 222 XL sample racks remain stationary. Many liquid handlers use a rotating carousel rack that's subject to frequent mechanical failures because of the high number of moving parts. The 221 XL and 222 XL racks have no moving parts. In addition, the units can accept large capacity racks — with up to 120 vials on a 221 XL and 540 vials on a 222 XL— for processing large numbers of samples during extended runs.

• **Automatic rinsing function eliminates one more manual step.**. The 221 XL and 222 XL have a built-in needle rinsing function that virtually eliminates sample cross-contamination from carryover. The design of the needle rinsing station allows you to rinse the inside of the needle, the outside, or both. This function can easily be included in your protocols; simply enter the volumes and flow rates to use when rinsing the inside and outside of the needle.

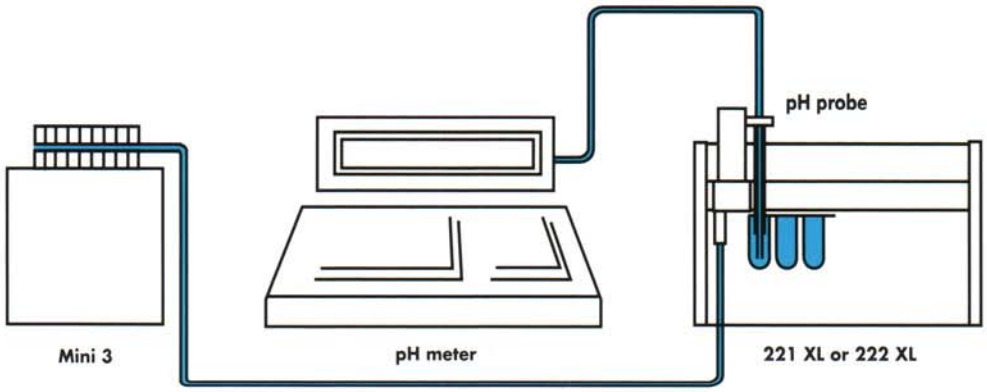
• **Liquid level detection reduces cross-contamination.** A liquid level detector (LLD) decreases sample cross-contamination to less than 1 ppm when combined with recommended rinsing of both inside and outside the needle. As sample is aspirated from a tube, the needle follows the liquid level at a user-defined depth, minimizing exposure of the outside of the needle to the sample.

• **A priority sample function permits interruption** of any 221 XL and 222 XL protocol to process the priority sample and then continue with the remainder of the samples.

1: Gilson 222 XL Liquid Handler, with
–different racks
–concentric double needle
–injection port
2: Gilson 401 Dilutor
3: Spectrophotometer (120 µl flow cell)
4: Microswitch
5: 3-way electrovalve



Protein quantification using the Lowry-Folin method.
The Lowry-Folin method is a two-step time-controlled process, making sample preparation a time-consuming task. But complete automation is achieved with a 222 XL Liquid Handler and 401 Dilutor. The system automatically adds two reagents to the samples and can be set up to separate the two additions with specified reaction times. It also loads the prepared samples into the spectrophotometer. Sample prep time is reduced, and accurate measurements are assured (CV: less than 1%).



Automated pH measurement.
A pH probe can be attached to the vertical arm of a 221 XL or 222 XL Liquid Handler to automate pH measurement of samples in open tubes. The liquid handler moves the probe into a sample tube where it waits while a contact closure I/O signals the attached pH meter to take a reading. Once the pH is recorded by the pH meter, the probe is rinsed either in a dedicated tube position or via a flowing rinse in an open-bottom rinse station fed by a Minipuls 3 Peristaltic Pump. The liquid handler then moves the probe to the next sample for another measurement. The 221 XL and 222 XL Liquid Handlers can be similarly configured to automate other measurements using ion selective electrodes, conductivity and temperature detectors.

•Run log documents protocol. If the Audit function is selected before a protocol is run, a listing of the procedures performed for each sample, including the date, time and if a priority sample was processed, is saved to the disk in the keypad. Later, this documentation can be printed via your personal computer.

Name: File 11.LOG 11-3-1992 10:15a

11-3-1992	10:23:34a	Current vial: 1 / 120
11-3-1992	10:23:35a	Add
11-3-1992	10:23:36a	Aspirating 100µl from REAGENT_A
11-3-1992	10:23:42a	Aspirating 50µl from REAGENT_B
11-3-1992	10:23:49a	Aspirating 50µl from REAGENT_C
11-3-1992	10:23:55a	Aspirating 250µl from SAMPLE
11-3-1992	10:24:02a	Dispensing into RESULT
11-3-1992	10:24:12a	Current vial: 1 / 120
11-3-1992	10:24:14a	Mix
11-3-1992	10:24:16a	Mixing RESULT with 250µl of liquid
11-3-1992	10:24:29a	Current vial: 1 / 120
11-3-1992	10:24:30a	Dispense
11-3-1992	10:24:31a	Aspirating 30µl from REAGENT_D
11-3-1992	10:24:38a	Dispensing 30µl into RESULT
11-3-1992	10:24:44a	Current vial: 1 / 120
11-3-1992	10:24:45a	Mix
11-3-1992	10:24:46a	Mixing RESULT with 200µl of liquid
11-3-1992	10:24:59a	Current vial: 1 / 120
11-3-1992	10:25:01a	Load analyzer
11-3-1992	10:25:03a	Aspirating 500µl from RESULT
11-3-1992	10:25:13a	Dispensing 500µl into injection port
11-3-1992	10:25:20a	Rinsing needle
11-3-1992	10:25:28a	Current vial: 2 / 120
11-3-1992	10:25:29a	Add
11-3-1992	10:25:30a	Aspirating 100µl from REAGENT_A
11-3-1992	10:25:36a	Aspirating 50µl from REAGENT_B
11-3-1992	10:25:43a	Aspirating 50µl from REAGENT_C
11-3-1992	10:25:49a	Aspirating 250µl from SAMPLE
11-3-1992	10:25:57a	Dispensing into RESULT
11-3-1992	10:26:07a	Current vial: 2 / 120
11-3-1992	10:26:09a	Mix

Rack options accommodate tubes of virtually any size and volume

Twenty-one Gilson racks are available for use with the 221 XL and 222 XL Liquid Handlers. They accommodate a wide range of tube and vial sizes and include thermostatic racks for controlling the temperature of heat-sensitive biological samples. The 221 XL accepts racks with up to 120-tube capacity; the 222 XL offers 540-tube capacity and allows the use of up to five different racks in a single tray. Most Gilson Fraction Collector racks can be used with the 221 XL and 222 XL, too. This allows easy transfer of collected fractions to the liquid handler for reanalysis.

In addition, you can use Gilson PC software to create protocols using other manufacturers' racks, and to access any XYZ pattern. An optional heightening kit on the 222 XL makes it possible to accommodate large vessels.

Selecting the audit function before running your protocol creates a listing of the steps performed for each sample including the date and time of each step.

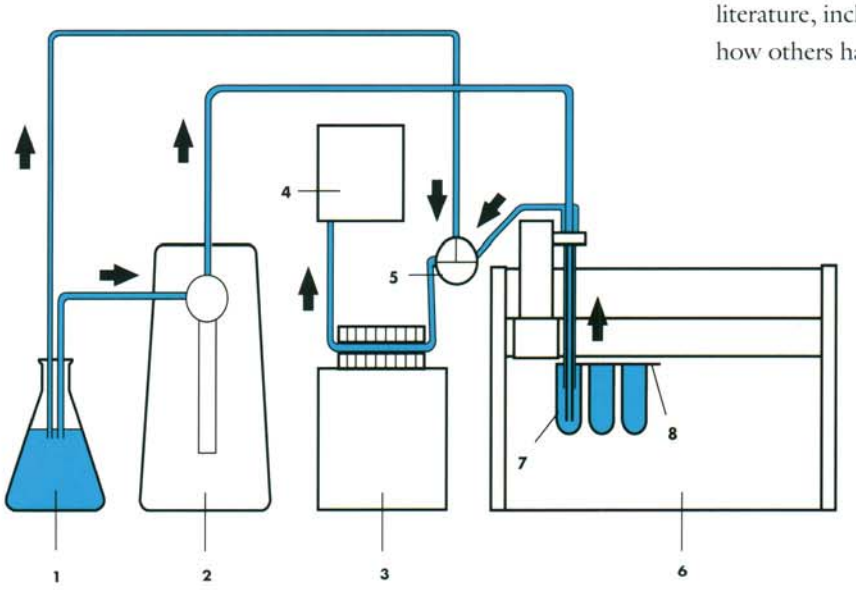
In any configuration, Gilson Liquid Handlers are easy to use

Gilson Liquid Handlers are furnished with a keypad for operation. Select from fifteen typical laboratory automation tasks to create sample preparation protocols. Up to 1 MB of protocol storage space is available on a 3.5" diskette.

The 221 XL and 222 XL can also be controlled by analytical instruments or an external computer. The liquid handlers have contact closure I/O's as well as a Gilson Serial Input Output Channel (GSIOC) and an RS-232 connection for communication with other instruments or a computer.

To learn more, contact your Gilson representative for application sheets

In this brochure we've given you just a few ideas on how Gilson 221 XL and 222 XL Liquid Handlers can be configured to automate liquid sample preparation and handling. For more ideas, see your Gilson representative for free literature, including a series of application sheets showing how others have put these versatile instruments to use.



1: Reservoir of diluent (kerosene)
2: Gilson 401 Dilutor
3: Gilson MP-1 Minipuls Pump
4: Philips ICP Spectrometer
5: Electrovalve
6: Gilson 221 XL Liquid Handler
7: Double needle
8: Filter paper

Sample preparation and handling in ICP spectroscopy.
This system teams a Gilson Liquid Handler with a Minipuls 3 Peristaltic Pump and a 401 Dilutor to automatically prepare and analyze up to 30 different samples per hour with a reproducibility of greater than 95%. Controlled by the 221 XL Liquid Handler, the 401 dilutes refined oil samples in a 1 to 10 ratio and mixes the solutions with air. The Minipuls 3 Peristaltic Pump then transfers the diluted samples to an ICP spectrometer for analysis of metallic impurities. Finally, the dilutor thoroughly rinses the transfer needle and tubing to eliminate contaminants.

Ordering Information

Liquid Handlers

221 XL: 271021 — Liquid Handler with keypad, 720 software and 123 mm vertical arm; 100/115V*, 60 Hz.

222 XL: 271051 — Liquid Handler with keypad, 720 software and 123 mm vertical arm; 100/115V*, 60 Hz.

Pumping Modules and Accessories

401C Dilutor: F41031 — Slave dilutor; 100/115V; for configuration with Gilson 221 XL or 222 XL Liquid Handler.*

Syringe: F404005 — 0.5 ml; for 401C Dilutor.

Syringe: F40401 — 1.0 ml; for 401C Dilutor.

Syringe: F40405 — 5.0 ml; for 401C Dilutor.

Syringe: F40410 — 10.0 ml; for 401C Dilutor.

MP-1 Minipuls 3 Peristaltic Pump: F155004 — Single-channel peristaltic pump; includes control module, single-channel pump head and tubing package.*

***220/440V instruments are available. Contact your local representative for ordering information.**

Optional Racks

(Letter following description corresponds to Required Accessories chart)

Code 0 Rack: 270430 — For 80 vials of 12 x 32 mm (2 ml); one rack per 221 XL and 222 XL. A

Code 1 Rack: 12040101 — For 80 tubes of 13 x 100 mm (9 ml); 221 XL only. B

Code 7 Rack: 2707401 — Holder for single microtiter plate, one rack per 221 XL and 222 XL. A

Code 8 Rack: 270438 — For 120 vials of 6 x 32 mm (0.3 ml); one rack per 221 XL and 222 XL. A

Code 9 Rack: 270439 — For 120 vials of 7 x 40 mm (0.7 ml); one rack per 221 XL and 222 XL. A

Code 21 Rack: 150422 — For 60 tubes of 13 x 100 mm (9 ml). C

Code 22 Rack: 150424 — For 44 tubes of 18 x 150 mm (25 ml); 222 XL only. D

Code 23 Rack: 150426 — For 44 scintillation vials of 17 x 55 mm (6.8 ml). C

Code 24 Rack: 150427 — For 14 scintillation vials of 28 x 57 mm (20 ml). C

Code 28 Rack: 150420 — For 108 tubes of 10 x 75 mm (3.5 ml). C

Code 29 Rack: 150429 — For 60 tubes of 12 x 75 mm (6 ml). C

Code 30P Rack: 2704530P — For 60 vials of 12 x 32 mm (2 ml). E

Code 31P Rack: 2704531P — For 108 vials of 7 x 40 mm (0.7 ml). E

Code 33P Rack: 2704533P — For 14 scintillation vials of 28 x 57 mm (20 ml). E

Code 34P Rack: 2704534P — For 36 Waters vials of 15 x 45 mm (4 ml). E

Code 60 Rack: 2954651 — For 4-180 ml glass or 250 ml polypropylene bottles. C

Optional Racks, Thermostatic

Code 30 Rack: 2704430 — For 60 vials of 12 x 32 mm (2 ml). F

Code 31 Rack: 2704431 — For 108 vials of 7 x 40 mm (0.7 ml). F

Code 32 Rack: 2704432 — For 60 tubes of 13 x 65 mm (9 ml). F

Code 33 Rack: 2704433 — For 14 scintillation vials of 28 x 57 mm (20 ml). F

Code 34 Rack: 2704434 — For 36 Waters vials of 15 x 45 mm (4 ml). F

Thermostating Cuvette: 2704429 — For Code 30, 31, 32, 33, 34 racks; 1 required per rack.

221 XL Rack Accessories

Rack Holder Bar: 130742 — For Code 0, 7, 8, 9 racks.

Guide Bar: 13040103 — For Code 1 rack.

Polypropylene Tray: 13074002 — To hold Code 1, 21, 23, 24, 28, 29, 60 racks; standard accessory.

Thermostating Cuvette Holder: 2704471 — For Code 30, 30P, 31, 31P, 32, 33, 33P, 34, 34P racks.

222 XL Rack Accessories

Rack Holder Bar: 2707404 — For Code 0, 7, 8, 9 racks.

Polypropylene Tray: 15074002 — To hold Code 21, 22, 23, 24, 28, 29, 60 racks; standard accessory.

Heightening Kit: 2749760 — To raise 222 XL when using Code 22 rack.

Thermostating Cuvette Holder: 2704472 — For Code 30, 30P, 31, 31P, 32, 33, 33P, 34, 34P racks.

Needles and Accessories for 123 mm Vertical Arm

Needle: 27067211 — Beveled Tip, 160 mm; standard accessory.

Needle: 27067213 — Tapered Tip, 160 mm; standard accessory.

Needles and Accessories (continued)

Needle: 27067212 — Side Entry Tip, 160 mm; septum-piercing.

Needle: 27067272 — Beveled Tip, 160 mm; for use with transfer ports. Requires 2954640.

Teflon Needle Kit: 27367513 — For non-metal applications; includes 157 mm Teflon needle, needle holder and guide.

Needle Connecting Nut: 27072001

Large Bore Injection Port: 2954640

Needles and Accessories for 56 mm Vertical Arm (221 XL only)

Needle: 27067113 — Tapered Tip, 93 mm.

Needle: 27067171 — Beveled Tip, 93 mm; for use with transfer ports. Requires 2954640.

56 mm Vertical Arm: 270610

Needle Holder: 27062634

Needles and Accessories for 183 mm Vertical Arm (222 XL only)

Needle: 27067361 — Beveled Tip, 221 mm.

Needle: 27067373 — Tapered Tip, 221 mm.

Needle: 27067362 — Side Entry Tip, 221 mm; septum-piercing.

Needle: 27067374 — Beveled Tip, 221 mm; for use with transfer ports. Requires 2954640.

Teflon Needle Kit: 27367423 — For non-metal applications; includes 221 mm Teflon needle, needle holder and guide.

183 mm Vertical Arm: 270630

Needle Holder: 27062634

Accessories and Replacement Parts

Transfer Tubing: 49947202 — FEP, 1.5 mm ID x 500 mm long; standard accessory.

Transfer Tubing: 49947392 — FEP, 1.5 mm ID x 1000 mm long; standard accessory.

Transfer Tubing: 49948392 — FEP, 2.0 mm ID x 1000 mm long.

Injection Port: 270723 — For 221 XL and 222 XL.

Seal for Injection Port: 2954674 — FEP. For 221 XL and 222 XL.

Injection Port Tubing: 49944107 — For connection to other instrument; 0.3 mm ID; FEP; 10 feet with two end fittings.

Injection Port Tubing: 49942107 — For connection to other instrument; 0.8 mm ID; FEP; 10 feet with two end fittings.

Injection Port Bar: 2949192 — For 221 XL; for 7 transfer ports.

Injection Port Bar: 2954706 — For 222 XL; for 15 transfer ports.

Transfer Port: 2954709 — Accessory set for one port.

Terminal Block Connector: 638306512 — 6-pin.

Fuse: 6750054006 — 0.5 amp, 3 AG Fuse for 100/115V units.

Software and Computer Interfaces

719 Sampler Manager Software: 21067719 — Editor and compiler for XL sampler programs. Requires Microsoft Windows* V3.1 and serial cable.

706 GSIOC Device Driver Software: 2106171 — Programmer's tool kit for MS-DOS* systems.

605 RS-232 Adaptor: 360784.

Serial Cable: 36083121 — 25-pin/25-pin.

**MS-DOS and Windows are trademarks of Microsoft Corporation.*

221 XL and 222 XL Required Accessories

221 XL	222 XL
A. Rack holder bar (130742).	A. Rack holder bar (2707404) for single Code 0, 7, 8 or 9 rack.
B. Guide bar (13040103) and polypropylene tray (13074002).	B. Non-applicable.
C. Polypropylene tray (13074002).	C. Polypropylene tray (15074002).
D. Non-applicable.	D. Heightening kit (2704660) polypropylene tray (15074002) and 183 mm vertical arm (270630).
E. Thermostating cuvette holder (2704471).	E. Thermostating cuvette holder (2704472) and heightening plate (2704510).
F. Thermostating cuvette holder (2704471) and thermostating cuvette (2704429).	F. Thermostating cuvette holder (2704472) and thermostating cuvette (2704429).

To order call toll-free in the U.S. **800-445-7661**

221 XL AND 222 XL LIQUID HANDLERS

Operating Modes	Can be configured to aspirate, dispense, mix, dilute, rinse and transfer liquids.
Control	Stand-alone sample preparation device, sample transfer instrument, sample preparation and transfer system. Controlled via Gilson Keypad and task-oriented software.
Keypad	8-line, 40-character display, 5 keys for protocol setup; 3.5" 1.44 MB diskette drive.
Protocols	Fifteen automated laboratory tasks plus liquid handler and rack configuration.
Protocol Storage	Up to 1 MB on 3.5" diskette.
External Computer Programming	Through Gilson Serial Input/Output Channel (GSIOC) or RS-232, and Gilson PC-based software.
Priority Sample	System interruption at any time with return to protocol.
Time Unit	Minute, with 0.01 minute increments.
Sample Cross-Contamination	Less than 1 ppm with liquid level detector and recommended needle rinsing parameters.
Sample Loading Method	Direct introduction into connected transfer tubing at a user-selected flow rate.
Transfer Flow Rate	Selectable from 3 to 1600 µl/sec (0.2 - 96 ml/min).
Aspiration Method	With or without air segment at selectable flow rate.
Needle Rinse	Through a dedicated two-position rinse station for rinsing inside and outside needle separately; selectable rinse volume and flow rate.
Arm Speed	25 cm/sec horizontal; 12.5 cm/sec vertical upward; 9 cm/sec vertical downward.
Maximum Number of Vials	221 XL: 120 (6 x 32 mm or 7 x 40 mm). 222 XL: 540 (7 x 40 mm or 10 x 75 mm).
Rack Selection	21 racks available, including 5 thermostatic; different racks can be combined on 222 XL.
Low Pressure Valve	PTFE 3-port valve for solvent selection; optional accessory.
Electrical Control	4 inputs, 4 outputs, 3 relay outputs; two 12V power supplies for 3-way valve and other auxiliary equipment.
Analog Input	One analog signal (10 or 100 mV); convertible as fifth contact input.
Voltage	100/115 V, 60 Hz; 220/240 V, 50 Hz.
Dimensions	221 XL: cm 33W x 46.5D x 23H in 13W x 18.3D x 9H 222 XL: cm 51.5W x 62D x 23H in 20.3W x 24.4D x 9H Keypad: cm 23.8W x 19D x 9.7H in 9.4W x 7.5D x 3.8H
Weight	221 XL: 12.2 kg (26.8 lb) 222 XL: 16.2 kg (35.6 lb)

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Queensland (07) 854 1713 Fax: (07) 252 1067
South Australia (08) 362 5809 Fax: (08) 363 0781
Western Australia (09) 388 8244 Fax: (09) 388 3266

Warranty Gilson Medical Electronics, Inc. warrants instruments or equipment manufactured by it for a period of one year from the date of shipment against defects in material and workmanship under normal installation, use and maintenance (as described in the operating instructions which accompany such equipment). Expendable items such as columns, check valves, pistons, piston seals, lamps, photocells, styli, pens, tubing, and plastic tubes and physical damage or breakage of glassware are excluded from this warranty. This warranty will be voided in the event the equipment is altered or modified other than by, or at the direction of, personnel of Gilson Medical Electronics, Inc. Any defects covered by this warranty shall be corrected by replacing or repairing, at our option, parts determined by us to be defective.

The foregoing warranty is exclusive and all other warranties, whether expressed or implied, including any warranties of merchantability and any warranties of fitness for purpose, but without limitation thereto, are excluded. Under no circumstances shall Gilson Medical Electronics, Inc. be liable for any consequential damages, or any indirect or incidental damages, arising out of any breach of any express or implied warranty or otherwise, except only in the case of personal injury where applicable law requires such liability.

GILSON®

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Gilson Medical Electronics (France) S.A. 72 rue Gambetta, B.P. No. 45, 95400 Villiers-le-Bel, France Tel: (33) 1 34.29.50.00, TLX: 606682 FAX: (33) 1 34.

~~CITO~~ TR(C1)

Please provide a Tariff Classification for the goods subject of this Tariff Concession application.

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

7/10/94 TC(D2)

DATE REC 30/9/94

APPLICANT JOHN MORRIS SCIENTFIC PTY LTD.....

GOODS ROBOTIC LABORATORY LIQUID HANDLER.....

CLAIMED CLASSIFICATION 8479:89:90.....

TA No. & CLASS .....

INSUFFICIENT INFORMATION (REASONS) .....

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PRECEDENT No. & CLASS .....

TAPIN No's & CLASS 8726400 - 8479:89:90.....

RESEARCH (Dictionary/Previous Files/CCC Docs) .....

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DECISION 8479 89 90.....

REASONS .....

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PRECEDENT No. .....

NOTED FOR AUDIT .....

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

RETURNED TO TARIFF CONCESSION

10-10-94

TARIFF CONCESSION ORDER

Under Section 269P of the Customs Act 1901, I s22(1)(a)(ii) a delegate of the Comptroller, 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 1987 specified in Column 2 of THE TABLE applies. This Order shall have effect from SEPTEMBER 2, 1994 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 Prescribed Item No. Date
8479.89.90	ROBOTIC LABORATORY LIQUID HANDLERS, with keypad programmable to aspirate, disperse, mix, dilute, rinse and transfer liquids, including ANY or ALL of the following standard options: (a) racks; (b) needles; (c) driver software; (d) manager software; (e) syringes Op. 02.09.94 - TC 9407347	50

This is page 1 of 1 page(s) of the above Table.

Dated DECEMBER 16, 1994

s22(1)(a)(ii)

Delegate of the Comptroller-General of Customs

TARIFF CONCESSION REVOCATION ORDER

Under section 269SD(2) of the Customs Act 1901, I s22(1)(a)(ii) a delegate of the Chief Executive Officer

(a) revoke Tariff Concession Order Number 9607699 made on 19.06.96, in respect of the goods described in TABLE A below. This Revocation has effect from 19.05.06; and

(b) make in its place the Tariff Concession Orders described in TABLE B. The goods specified in Column 1 of TABLE B are goods to which the item in Part III of Schedule 4 to the Customs Tariff Act 1995 specified in Column 2 of TABLE B applies. The Order shall have effect from the date notified in paragraph (a) above as the date of effect for the Revocation.

TABLE A

COLUMN 1 Description of Goods including the Customs Tariff Classification		COLUMN 2 Schedule 4 Item Number Last date of effect
8479.50.90	ROBOTIC LABORATORY LIQUID HANDLERS, with keypad programmable to aspirate, disperse, mix, dilute, rinse and transfer liquids, including ANY or ALL of the following standard options: (a) racks; (b) needles; (c) driver software; (d) manager software; (e) syringes	50 19.05.06
	Op. 01.07.96 - TC 9607699	

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

Dated 19 May 2006

s22(1)(a)(ii)

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Delegate of the Chief Executive Officer

EXPLANATORY STATEMENT

Tariff Concessions Revocation Instrument 51/2006

Customs Act 1901

Background

Part XVA of the *Customs Act 1901* (the Act) sets out a scheme under which Tariff Concession Orders (TCOs) may be made and revoked by the Chief Executive Officer of Customs (the CEO). A lower rate of customs duty applies to goods that are the subject of a TCO.

Under sections 269C and 269P of the Act, a TCO will be made if the application for the TCO meets the core criteria, that is, on the day on which the application was lodged, no substitutable goods were produced in Australia in the ordinary course of business.

Subsection 269SD(2) of the Act provides that if the CEO is satisfied that:

- because of an amendment of the *Customs Tariff Act 1995*; or
- having regard to a decision of a court of the Administrative Appeals Tribunal; or
- having regard to written advice on the matter given by an officer of Customs;

the tariff classification that is stated in a TCO to apply to the goods the subject of the TCO has not, with effect from a particular day, applied to those goods, the CEO must:

- make an order revoking the TCO with effect from that day; and
- make a new TCO in respect of the goods with effect from the revocation.

Instrument

Tariff Concessions Revocation Instrument No 51/2006 was made on 19 May 2006. It revokes TCO 9607699 and makes TCO 0608568. The tariff classification has been changed from 8479.50.90 to 8428.90.00 because of a tariff classification change.

Consultation

No consultation was undertaken since the change is minor or machinery nature and does not substantially alter existing arrangements.

Commencement

Subsection 269SD(2) provides that the order revoking the TCO has effect from the day on which the tariff classification did not apply to the goods. Further the new TCO has effect from the revocation. Subsection 269SD(4) provides that the day may be the day on which the old TCO came into force or a later day.

Subsection 269SD(6) provides that section 269SD has effect despite section 12 of the *Legislative Instruments Act 2003*. Section 12 prohibits the making of certain retrospective legislative instruments.

Tariff Concessions Revocation Instrument No. 51/2006 revoked 9607699 and made new TCO 0608568 on 19 May 2006.