TraySy "X" and Perifill® IQ 3000
The Ideal Automatic Vial Filler

TraySy "X" a newly developed X-Y distributor and the proven Perifill® IQ 3000 form a unique automatic filling system for small and medium size batches. TraySy "X" is a fast, computer controlled precision X,Y-system with a stainless steel workbench. Vials, ampoules, tubes in racks or packing trays can be placed on the workbench and automatically filled. It takes less than 2 seconds to fill a 4ml vial. The systems are used for sterile and non-sterile serial dispensing in drug dispensories, bacteriology labs, pharmaceutical and diagnostic batch production.

Perifill® IQ 3000

The Perifill® IQ 3000 is a unique microprocessor controlled precision peristaltic dispenser, ideal for the repeat delivery of liquids.

* single or automatic multiple doses
* two speed recycling to reservoir when not dispensing
* mixing of slurries and suspensions
* accurate temperature control for hot or cold liquids
* fast or slow dispensing
* full control for viscous materials
* programmable slow start and slow finish -no splashing
* stores 9 user defined programmes
* variable delay between automatic doses
* volume range 0.1 ml to 1000 ml
* dispense and calibration setting retained in memory when switched off
* easy calibration

Total control of all operations is via the membrane key panel with full setting information and dispensing status shown on the LCD display at all times.
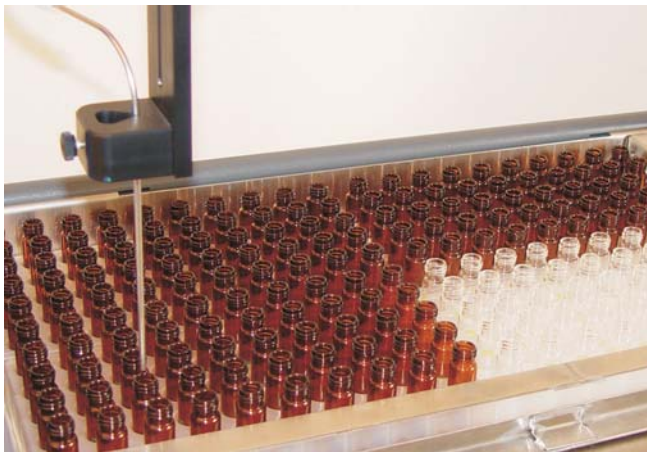
With its continuously running 2-speed pump recycling system, the Perifill® IQ 3000 is designed to accurately dispense many types of liquid. Even hot and viscous

fluids are handled with ease. The recycling system maintains flow rate and aids temperature control of the fluid ensuring consistent and accurate dispensing.

The liquid being dispensed only contacts the tubing set, which can be sterilised by autoclaving. The Perifill is therefore ideal for use in bacteriological and pharmaceutical applications. Tubing sets can be changed in seconds. Silicone rubber tubing sets will suit most applications. The minimum dispense volume can be reduced to 0.1 ml by using the new 1 mm bore silicone tubing set, for filling micro plates etc.

TraySy "X"

TraySy "X" is a PC-controlled X-Y distributor which has been developed to enable the Perifill IQ 2000 to fill bottles or ampoules arranged in trays automatically. Tray after tray of containers with the same dimensions can be filled simply by pressing a button.

Any number of rack formats for different sizes of bottles and ampoules can be stored permanently in TraySy`s memory. Different bottle arrangements, regular or honeycomb can also be accommodated in the dispensing programme, multiple racks of the same layout can be processed in a single run.

TraySy is easy to use. Once the layout of a rack has been stored in the memory, the user just recalls the rack type, types in the number of vials to be filled, and starts the method by a key stroke.

Containers of any height less than 250 mm can be filled. An universal tray is available for TraySy with two sliders to push the vials into arrays. Any standard packing tray or rack may also be used provided the bottles are held symmetrically and the necks are within the area which the nozzle scans.

Technical Data

Perifill 3000

Accuracy:	± 0.5%
Dose range:	0.1 ml to 1000 ml
Flow rate:	2.1 ml up to 40.7 ml per second
Pump speed:	72 rpm (slow), 225 rpm (fast)
Slow start/finish:	available in fast speed
Mode:	manual and automatic
Delay between doses in	
automatic mode:	0.5 - 9.5 seconds in 0.5 second steps
Case:	Polyurethane moulding, inert and easy to clean
Weight::	15 kg
Dimensions:	300 x 300 x 300 mm
Power:	110/120V or 220/240V, 50/60 Hz, 130 VA

Catalogue No.   **374700**

TraySy "X"

Maximum filling area:	
	555 mm wide x 345 mm deep
X,Y-positioning:	± 0,5 mm max.
Maximum bottle height: 250 mm	
Storage of programms:	
	Harddisk, 2 GB, CD-ROM
System configuration:	
	Liquid protected keyboard
	15" TFT-Monitor
	Windows 2000 Operation System
Weight::	15 kg
Dimensions:	800 x 650 x 680 mm (w x d x h)
Power:	110/240V, 50/60 Hz, 250VA

Catalogue No.   **374900**