

## Perifill® IQ 3000

### Precision Peristaltic Dispenser



The Perifill® IQ 3000 is a unique microprocessor controlled precision peristaltic dispenser, ideal for the repeated delivery of liquids, for sterile and non-sterile serial dispensing in drug dispensaries, bacteriology labs, pharmaceutical and diagnostic batch production.

- Single or automatic multiple doses
- Two speed recycling to reservoir when not dispensing
- Stirring for 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
- Easy to clean

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 silicone rubber 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.

The minimum dispense volume can be reduced to 0.1 ml by using the new 1 mm bore silicone tubing set, for filling microtitre plates etc.

## Technical Data

<b>Accuracy:</b>	± 0.5%
<b>Dose range:</b>	0.1 ml to 1000 ml
<b>Flow rate:</b>	2.1 ml up to 40.7 ml per second
<b>Pump speed:</b>	72 rpm (slow), 225 rpm (fast)
<b>Slow start/finish:</b>	available in fast speed
<b>Mode:</b>	manual and automatic
<b>Delay between doses</b>	
<b>in automatic mode:</b>	0.5 - 9.5 seconds in 0.5 second steps
<b>Case:</b>	Polyurethane moulding, inert and easy to clean
<b>Weight:</b>	15 kg
<b>Dimensions:</b>	300 x 300 x 300 mm
<b>Power:</b>	110/120V or 220/240V, 50/60 Hz, 130 VA
<b>Catalogue No.</b>	<b>374700</b>

# Accessories for the Perifill® IQ 3000

## Tubing Sets

Ready-made tubing sets complete with glass reservoir sinkers, J-piece and glass outlet nozzle. The silicone and iso-Versinic rubber tubing used in these sets has been specifically developed for peristaltic pump applications.

Cat.-No.	Description	Nominal Flow Rates
<b>374402</b>	2 mm bore, silicone rubber	0.98 - 2.20 ml/sec
<b>374403</b>	3 mm bore, silicone rubber	2.10 - 4.70 ml/sec
<b>374405</b>	5 mm bore, silicone rubber	6.60 - 14.00 ml/sec
<b>374407</b>	8 mm bore, silicone rubber	18.00 - 40.70 ml/sec

**Spare Tubing sold per meter length** (min. 3.7m are required for 1 tubing set)

Cat.-No.	Description
<b>374501</b>	2 mm bore, silicone rubber
<b>374503</b>	3 mm bore, silicone rubber
<b>374505</b>	5 mm bore, silicone rubber
<b>374507</b>	8 mm bore, silicone rubber

## Glass J-Pieces for tubing sets

Cat.-No.	Description	
<b>374408</b>	for 1 - 2 mm bore tubing	1 piece
<b>374410</b>	for 3 - 4 mm bore tubing	1 piece
<b>374409</b>	for 5 - 6 mm bore tubing	1 piece
<b>374411</b>	for 8 mm bore tubing	1 piece

## Glass Sinkers for tubing sets

Cat.-No.	Description	
<b>374418</b>	for 1 - 2 mm bore tubing	1 piece
<b>374419</b>	for 5 - 6 mm bore tubing	1 piece
<b>374420</b>	for 3 - 4 mm bore tubing	1 piece
<b>374421</b>	for 8 mm bore tubing	1 piece

## Glass Nozzles for tubing sets

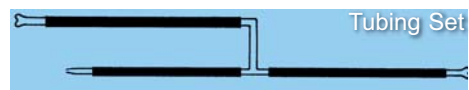
Cat.-No.	Description	
<b>374428</b>	for 1 - 2 mm bore tubing	1 piece
<b>374427</b>	for 3 - 4 mm bore tubing	1 piece
<b>374426</b>	for 5 - 6 mm bore tubing	1 piece
<b>374425</b>	for 8 mm bore tubing	1 piece

## Accessories

Cat.-No.	Description	
<b>374324</b>	Polyethylene nozzle for 6mm tubing	pack of 6
<b>374326</b>	Polyethylene nozzle for 3mm tubing	pack of 6
<b>374328</b>	Polyethylene nozzle for 8mm tubing	pack of 6
<b>374412</b>	Nylon ties for retaining tubing, for all tubing sizes	pack of 10

## Footswitch

Cat.-No.	Description
<b>374371</b>	Footswitch complete with lead and plug



Tubing Set



Spare Tubing



J-Pieces



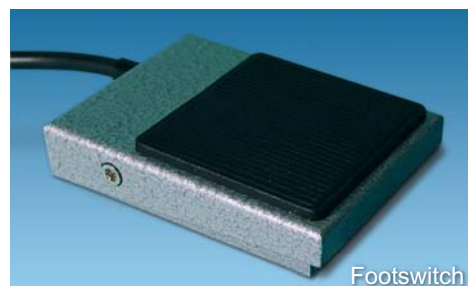
Glass Sinkers



Glass Nozzles



Polyethylene Nozzles



Footswitch



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