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Media Preparation Peristaltic Pump and XY500 Dispenser



**An automatic dispenser,
diluter or general purpose
pump for culture media,
broth or solvents**

**The unit has integral
traceability and is simple
and safe to use**

The PM05 peristaltic pump automatically dispenses volumes from 1ml to 10 litres with a high degree of accuracy. It has an alpha numeric keyboard which, when combined with a printer, allows full integration within GLP-compliant laboratories.

When used in conjunction with the XY500 dispenser, large volume throughput of tubes, bottles and impedance cells is possible.

PM05 Peristaltic Pump



Two racks of 252 tubes each can be filled in the same cycle. The dynamic loading is a concept that has been developed to ensure the loading of 252 tubes directly from the original packaging.

Tubes/bottles can also be loaded manually

User-Friendly

- Easy to programme using the menu-driven keypad
- Up to 20 dispense or dilution programmes can be stored in the memory
- Reversible pump direction
- Easy to load tubing makes the operation quick and easy
- A stand-by mode keeps the culture media recirculated, thus keeping the media in suspension

Traceability

- A print-out of all dispensing parameters complies with GLP (optional printer)

Calibration

- Precision of $\pm 0.1\text{ml}$ for doses up to 20ml
- Automatic calibration
- Calibration data can be individually saved in each programme
- Anti-drip feature



XY500 Dispenser

User-Friendly

- The XY500 robotic module automates the filling of tubes (200mm max. H.), bottles, impedance cells, etc.
- The stand-by mode keeps the culture media in suspension.
- Automatic re-positioning of the dispensing tip by stepper-motor ensures a greater accuracy and repeatability of filling.
- Easy to programme using the menu-driven membrane keypad.
- The user can programme the XY500 with their specific settings in less than one minute.
- Quantity of doses to be dispensed is entered along with the interval delay time between vessels.



Automated filling will set new organisation standards in your laboratory



Standard Features

PM05 Peristaltic Pump

Includes one M30028 tubing set and nozzle

XY500 Dispenser

Includes one adjustable 252 tube rack, one drawer for agar priming and one nozzle 2mm (M10234)

Options

S02085 Megatron Star Printer *for narrow printouts*

M00011 Sterilisation Unit – 1.5 litres

M00012 Sterilisation Unit – 2 litres

M10235 252 tube adjustable rack

Accessories

M30027 Tubing set with nozzle (1.7 – 5mm dia.)

M30028 Tubing set with nozzle (3.1 – 6.3mm dia.)

M30029 Tubing set with nozzle (6.4 – 7mm dia.)

M30030 Tubing set with nozzle (4.8 – 8.1mm dia.)

M30032 PM05 tubing set

M10233 4mm Nozzle

M10234 2mm Nozzle

Specification

PM05 Peristaltic Pump

Order Code: M00031

Dimensions: 280 x 220 x 150mm (w x d x h)

Weight: 8kg

Power: 115/230V – 50/60Hz

XY500 Dispenser

Order Code: M00015

Tray dimensions: 710 x 400 x 20mm (w x d x h)

Overall dimensions: 710 x 650 x 450mm (w x d x h)

Weight: 25kg

Power: 115/230V – 50/60Hz

In the interests of a policy of continuous product improvement the company reserves the right to alter product specifications without prior notice. All rights reserved.

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