



## Culture Media Precision Filling

THE MICROBIOLOGY LAB DISPENSING SOLUTION

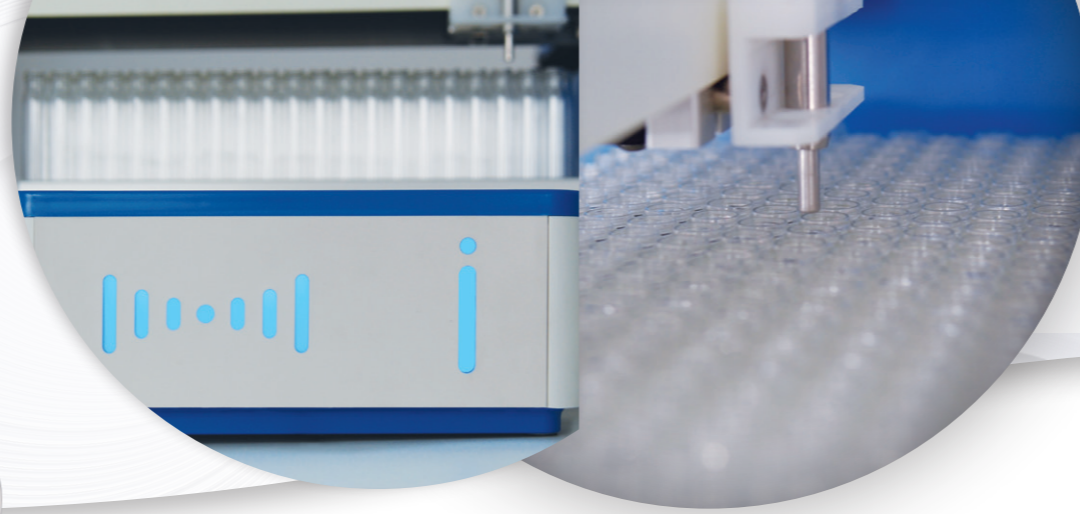


# PM i™

## Manual filling of tubes, bottles and plates

# PM i™ + XY500

## Automated filling of tubes and bottles



### STANDARDISE your dispensing

- Accuracy & repeatability compliant with ISO 7218, ISO 6887-1 & ISO 16189 ••
- Dispense 9ml, 18ml, 90ml and 225ml with 1% accuracy ••
- Dispense larger doses of agar, broth or diluent up to 20L with 2% accuracy ••

### PM i™ Microbiology Dispenser

### XY500 Automatic Arm Module

### BOOST your productivity

- Flow rate up to 1.6l/min with 2% accuracy
- High-performance tubing sets with long life expectancy
- Minimum handling:
  - Automatic traceability
  - Foot switch included
  - Fast and easy calibration
  - Store up to 50 programs
  - Full automated multidose mode

- Automatically fill up to 1 900 tubes/hour (9ml)
- Automatically fill up to 280 bottles/hour (with 225ml)

### Experience total EASE OF USE

- Compact footprint
- Easy to handle, easy loading of the tubing
- Colour changing LEDs inform user of system status
- Intuitive interface with large touch screen
- Help function (one click access)

- Easy to program
- Fill two racks of 252 tubes each in the same cycle
- Easy loading of tubes directly from the original packaging with optional stand

### EVOLVE with your needs

- 4 diameters of ready to use tubing sets (ID 1.6 to 6.4mm)
- Adjustable speed up to 600 rpm
- Compatible with Masterclave® to prepare culture media and pour Petri dishes
- Customizable labels

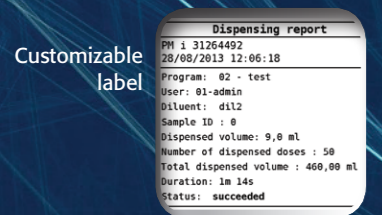
- 4 different 96 tube racks available
- Fill all bottles, tubes, vials up to 200mm height



Manual filling of bottles & tubes



Easily pour Petri dishes



Customizable label

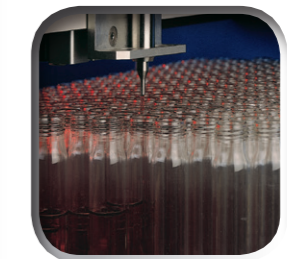
```

Dispensing report
PM i 31264492
28/08/2013 12:06:18
Program: 02 - test
User: 01-admin
Diluent: dil2
Sample ID : 0
Dispensed volume: 9,0 ml
Number of dispensed doses : 50
Total dispensed volume : 450,00 ml
Duration: 1m 14s
Status: succeeded
  
```



Easy loading

Fill up to 504 tubes per cycle (with XY500)



Easy loading of racks



RFID user identification

## Improve your Lab Workflow with PM i and XY500

Automatically prepare up to 9, 28 or 60 litres of broth or agar media with Masterclave® media preparators

MASTERCLAVE® 09



MASTERCLAVE® 528



MASTERCLAVE® 60



Automatically pour up to 560 plates per cycle with APS One

**APS One**  
The only one tall in one!



## Specifications & ordering information



### PM i™ High-precision Peristaltic Dispenser

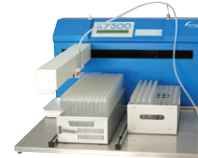
- Dose Volume Range: Min : 1mL ; Max >20L
- Accuracy: 0.1ml for 9ml  
0.2ml for 18ml  
<2% over the full range
- Distribution mode: Dose - Multi-dose
- Adjustable speeds: 3 + 1 free selectable
- Tubing ID mm: 1.6 3.2 4.8 - 6.4
- Traceability: Dose, media name, user, date, batch
- Connectivity: Bidirectional (LIMS)
- Traceability data export: Printer, USB key or FTP server
- Data format: XML, CSV, JSON
- Communication: Ethernet, USB, WIFI
- Program management: Volume, cycle, speed, number of doses delay between each dose
- Language: Fr, En, DE, Sp, IT, PO
- Dimensions (W x H x Dmm): 334 x 115 x 120
- Weight: 4.4kg

#### Ordering information

- Peristaltic precision media dispenser PM i 4702831  
includes 1 tubing set 3.2mm with nozzles and foot switch

#### Accessories

- Tubing set 1.6mm with nozzles (autoclavable) 415230
- Tubing set 3.2mm with nozzles (autoclavable) 415231
- Tubing set 4.8mm with nozzles (autoclavable) 415232
- Tubing set 6.4mm with nozzles (autoclavable) 415233
- 1 D barcode reader (USB) AESLM0004D
- 2 D barcode reader (Datamatrix, QR code and 1 D) 415182
- USB ticket printer 415187
- WIFI wireless key 415184



### XY500 Robotic Module

- Tray dimensions (W x D x H): 710 x 500 x 20mm
- Positioning repeatability: > 99%
- Interface for PM i connection: RS232
- Overall dimensions (W x D x H): 710 x 650 x 450mm
- Language: English, French
- Weight: 25kg
- Power: 115 or 230V  
(to be specified on your purchase order) 50/60Hz

#### Ordering Information

- XY500 Robotic module AESAP1035  
includes one adjustable rack for 252 Ø 18 mm tubes, one waste tray and 2 dispensing tips.
- PM i - XY500 Connection cable 415239
- Loading stand AESXY0071

#### Accessories

- 96 tube rack (Ø 18mm) AESXY0072
- 96 tube rack (Ø 16mm) AESXY0073
- 96 tube rack Ø 14mm) AESXY0074
- 96 tube rack (Ø 20mm) AESXY0075

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