

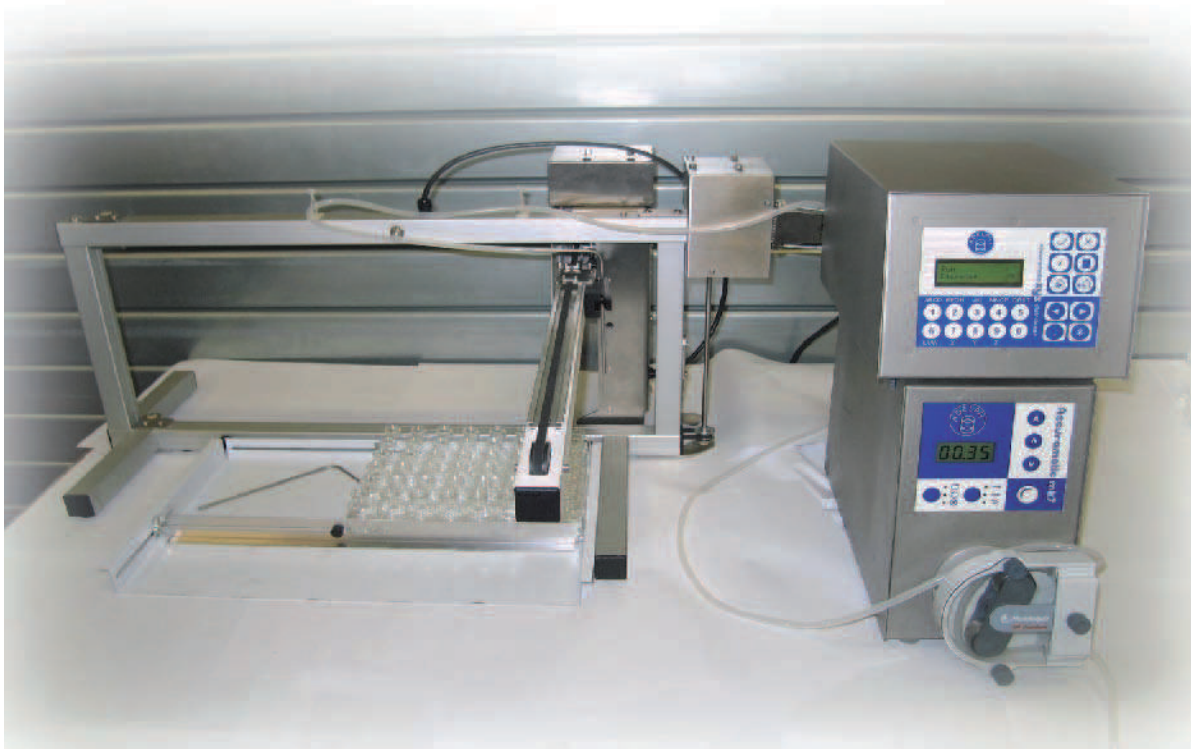


Adelphi Manufacturing

Filling & Packaging Machinery

Adelphi Manufacturing

The Adelphi Accuramatic Pump Dispenser and
Adelphi XYZ Distributor - Filling for mobile liquids and light oils



The XYZ Distributor is used in conjunction with the Adelphi Accuramatic Pump Dispenser, which allows bottles and vials to be filled automatically in trays. The Z axis is the diving nozzle movement that allows liquid to be automatically filled from above the neck or into the neck.

- Control box remote from moving nozzle frame suitable for use in lamina flow cabinet.
- Adjustable trays are supplied so that bottles are held in an orderly fashion.
- Setting up is easy using the menu-driven LCD displays.
- Special trays can be made to suit odd shaped bottles.
- Fills straight rows or honeycombed configurations.

Adelphi XYZ Distributor

Services Required

Electricity (selectable) 220-240 / VAC single phase

Specifications

Movement Space X=520 Y=335 Z=155mm

Electronics Microprocessor

Weight Control 4.5kg XYZ 9.0kg

Dimensions Distribution 790 x 625 x 390mm

Control Dimensions 200 x 280 x 180mm

Drip Delay 0.0 - 0.9 secs

Max Vial Height (mm) 200

Min Neck Opening 8mm

Tray 410 x 265mm fill area



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Adelphi Accuramatic

Features

- Stainless steel case
- Sealed membrane keypad and digital display
- Pump pulse compensated for greater accuracy
- 3 filling modes - braked stop
 - soft stop
 - suck back after brake stop
- Pump can rotate backwards or forwards
- Timed filling up to 99.99 seconds with delays between fills up to 99.99 seconds
- RS232 interface allows data to be incorporated from PC
- Choice of 1.6mm or 2mm wall pump head to suit either wall thickness of tube
- Completely closed filling system eliminating cross contamination

Description

The machine can be operated by hand, footswitch or will cycle automatically with a delay of up to 9.9 seconds between fills. The liquid only comes into contact with one uninterrupted length of silicone tubing which will withstand repeated sterilisation. The peristaltic pump is controlled to run at constant speed for a precisely determined period. The basic machine comes with a two-roller pump, footswitch and two metre lengths of five sizes of silicone tubing (see chart). A double pump is also available for larger outputs or for filling two products at the same time.



Adelphi Accuramatic

Specifications

Volumes	1ml to 1,000ml
Repeatability	±0.5%
Max flow rate	36ml/sec (standard pump, twin pump option available, see chart)
Services required	230 VAC, 50 Hz standard 50 watts
Weight	nett 8.5kg gross 10.5kg
Carton size	44 x 23 x 43cm

2mm Wall Tube Sizes

Typical Volume (ml)	Tubing Bore (mm)	Delivery Rate (ml/sec)
0.2-5	Twin Microbore	1
5-15	2.4	4
15-50	4	10
50-100	6	24
100+	8	36



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