



*Mk7 dispenser with  
XYZ distributor*

## XYZ 2 Distributor

The XYZ distributor interfaces with the Accuramatic Mk7 dispensing machine to automate the filling of bottles arranged in trays.

A travelling arm carries the delivery nozzle from the dispenser over an array of containers, stopping to fill at each bottle location. The nozzle holder will also travel vertically and can be set to dip into each bottle to prevent splashing or foaming. The operator can specify a delay before the nozzle travels to its next location, to allow any drips to fall into the bottle.

As well as simple automated filling, this system is ideal for applications where the product needs post filling processing, or where bottles are purchased in regular arrays and so can be filled without extra handling. It is particularly suitable for products which will be autoclaved or freeze-dried in the filling tray, or which need to be filled in a fume cupboard, laminar flow cabinet or clean room

The equipment is compact and the control box links to the travel mechanism by a lead, allowing the user to arrange the system to suit their own requirements. The control box is designed to stand on the bench or fit snugly on top of our Mk7 dispenser (as shown in the photograph above).

The distributor operates with bottles down to a minimum neck diameter of 6mm. Containers can be of regular section (e.g. round) or irregular section (e.g. oval or rectangular), and arranged in either a straight grid or honeycomb pattern.

The XYZ is simple to program, by sending the filling head to the required limiting positions and then entering the number of bottles per row and column. Each program is saved as a named routine, 50 programs can be held in non-volatile memory.

The control case is fabricated from stainless steel with a polyester tactile keyboard. The gantry framework is aluminium with the travelling arm and casework in stainless steel. Two adjustable stainless trays are provided with the distributor, and we are happy to quote for custom-made punched trays for small bottles.

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|-----------------------|---------------|
| Max bottle height     | 200mm         |
| Standard filling area | 550mm x 300mm |

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|-------------------------|--|
| Control case dimensions | width 175mm x depth 275mm x height 155mm |
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Power requirements: 90-250V AC, 30 W.

The logo for Accuramatic, featuring the word "Accuramatic" in a bold, sans-serif font. The letter 'A' is stylized with a thick, rounded shape.