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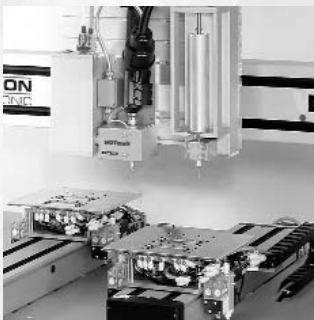
CNC Machines

Mini-Tools

Dispensing Systems

Positioning Drive Units

Consultation and Training



DATRON

Dispenser[®]



DATRON **PR** 0400

Compact, Versatile and Inexpensive

- Traverse path 520 mm x 650 mm x 240 mm (X x Y x Z)
- Microsoft Windows[®] based PC Control
- Powerful Accessories

Flexible and powerful

The PR 0400 dispensing system offers innovative dispensing technique for a wide range of applications at an attractive price.

The system was specially designed for applications with small batch numbers such as in laboratories, prototyping or small series production.

The focus are applications which require optimum dispensing quality and at the same time process reliability.

Innovative Dispensing Head

The perfect combination of the volumetric dispensing head and the powerful DATRON VDispenser software guarantees high process reliability, also at changeable production conditions, such as e.g. variations in temperature and viscosity. Special software functions allow for optimum dispensing results in the critical Start/Stop areas.



Product Description

At the heart of the dispensing system there are different, exchangeable dispensing heads which can apply a large range of dispensing and materials and adhesives. With the special DATRON accessories, e.g. module clamping systems or CAD/CAM software, set-up times are drastically reduced and productivity significantly increased. Further features such as the automatic nozzle compensation or the XYZ sensor lead to very high process reliability and repeatability also when dispensing critical components.

Advantages

- Autonomous 3 axes portal system with small floor space
- Dispensing head with patented volume control and fast 3D control system
- Easy programming via Windows® based PC control and CAD/CAM interface
- High flexibility thanks to modular set-up of all dispensing components
- Module clamping technique: Minimum set-up time and exact repeatability of the workpiece holding fixtures special VDispenser software for optimum Start/Stop areas

Areas of Application

- For adhesives and fluid sealants in industrial applications
- For the dispensing of small to medium-sized components
- In all production areas which require high dynamics at constant precision
- For all standard 1C materials; 2C on enquiry

Technical Data	DATRON PR 0400
Coordinate Table	Portal set-up with dual Y-drive on Aluminium table
Traverse path (X x Y x Z)	520 x 650 x 240 mm
Portal Height	200 mm
Floor Space (W x D x H) without control unit	1300 mm x 1300 mm x 1890 mm
Driving System	Backlash-free DC servo drives, precision spindle for each axis
Dispensing/Positioning Speed	Up to 33 mm/sec traversal
Repeatability	±0,02 mm
Control System	Decentral, digital servo control with interface
Operating Materials	Pressurized air: 6 bar, voltage: 230 V
Material (depending on Dispensing Head)	Lower and highly viscous, unfilled and abrasive as well as heatable
Material Supply	Cartridges, foil packs, pails or barrels
Optional Accessories (Further Accessories on Enquiry)	Nozzle compensation, XYZ sensor, module clamping technique, rotating nozzle, rotary axes, CAD/CAM module, vision system

The information in this brochure contains up-to-date descriptions and features which may change due to further product development. The descriptions and features are only binding if they are expressly agreed upon in writing when the contract is concluded.

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