

Printing System Autodrop Compact AD-P-7000



ADVANTAGES

- Contactless dispensing in picoliter range
- Large viscosity range
- Tabletop unit
- Software controlled 3-axis system
- High flexibility
- Good material resistance
- Easy refilling and cleaning
- No disposable parts
- No follow on costs
- Optional: graphic editor with continuous path control

The System

The Printing System Autodrop Compact is a versatile tool for inkjet printing and material deposition. In combination with microdrop dispenser heads or pipettes the Autodrop Compact enables an easy start for using inkjet technology in numerous fields.

The optional Graphics Design Editor allows the operator define own free designed pattern like curves and lines. Vector based graphic files (dxf-format) are importable.

The design of this tabletop unit provide the integration of different substrates on the platform. The Printing System Autodrop Compact is available to control up to two dispenser heads or pipettes.

The generous travel range of 210 mm x 210 mm x 110 mm (x-, y-, z-axis) makes the Printing System Autodrop Compact an ideal medium for R&D purposes and small batch production.

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TECHNICAL DATA

Printing System Autodrop Compact AD-P-7000	
Drive	DC-Servomotors 20 W
Travel range	x-axis 210 mm, y-axis 210 mm, z-axis 110 mm
Positioning accuracy	± 25 µm each axis
Repetition accuracy	± 10 µm each axis
Acceleration	max. 500 mm/s ²
Load	max. 5 kg for y-table, 1 kg for x- and z-axis
Speed	max. 75 mm/s
Servo control	3-axis servo control, RS 232, freely programmable
Dimensions tabletop unit	w: 562 mm / h: 772 mm / d: 550 mm
Weight	65 kg



Autodrop Pipette
AD-K-901



Microdrop Dispenser Head
series MD-K-...



Autodrop Pipette
AD-KH-501-L6