



CLEVER DISPENSE 06

Set H DPH

The CLEVER DISPENSE 06 H is a professional dispenser for applications that require highest accuracy and a maximum control of material viscosity. These dispensers allow heating of the dispensing nozzle and cartridge. The CLEVER DISPENSE 06 H DP Sets are designed for manual dispensing operations.

The all-electronic dispensers whose dispensing pressure, temperature and retract vacuum are program-controlled use the time-pres-

sure-technology. This allows reliable dispensing of very small dots and lines of liquid to pasty material either as 1K-type or 2K-type. In addition, a sensor measures the material temperature inside the dispensing pen and the control unit compensates the material-specific change in viscosity. You can add your own material to the already existing material library to define essential material parameter and limit values.

Top Features

Manual dispensing with heatable dispensing pen.



Fully electronic dispensing device

Manual procedure



Repeatability

A consistent volume can be dispensed with the volumetric dispensing device, regardless of the viscosity



Process reliability

Dispensing pressure, temperature and retract vacuum are configured through the program



Temperature control

Heatable dispensing nozzle for regulating temperature of the medium



Software

Intuitive software offering use of dispensing recipes and the material library



Support

Exceptional technical support through evaluation of material properties and application assistance

Standard equipment

- Control unit CLEVER DISPENSE 06
- Dispensing pen (size of choice) with integrated nozzle heater and connecting cable (1,5m)
- Stand for dispensing pen, foot switch, needle set (27pcs), Pneumatic hose (d=6mm; l=5m)
- Power supply 90-230 V AC -> 24V DC
- PC-Software CLEVER DISPENSE Pro
- USB cable
- Short instruction

Technical details
















| | |
|---------------------------|-------------------------------------|
| Cartridges to use: | 3, 5, 10, 30, 55 ccm |
| Viscosity range: | 0.1-10 ⁵ mPas |
| Nozzle heater: | 90°C max. |
| Communication: | USB 2 (Typ B) / SPS / PLC / Network |
| Gewicht: | 2,5 kg max |
| Größe: | 272 x 152 x 60 mm ³ |

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|--------------------------------|-----------------------------|---------------------------|
| Line dispense settings: | Time range: | 0,1 s - 30 s |
| | Continuous pressure control | |
| | Repeatability: | 2% (Pressure level) |
| Dot dispense settings: | Time range: | 0,001 s - 2 s (±0,0005 s) |
| | Pressure range: | 0,1 bar - 6 bar |
| | Repeatability: | 1% (Pressure pulse) |
| | Smallest dispensing vol.: | 1,0 nl |

Options

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|------------------------|-------------------|
| Retract vacuum: | -20 mbar - 0 mbar |
|------------------------|-------------------|

CLEVER DISPENSE 06 H DPH: Optional extras

| | Article nr. | Name |
|--|-------------|--|
| Set variations | | |
|  | CD06.0202 | CLEVER DISPENSE 06 H DPH 5 |
|  | CD06.0203 | CLEVER DISPENSE 06 H DPH 10 |
| Optional extras | | |
|  | CD06.0050 | Vacuum module CD06 H |
|  | DK06.1005 | Cartridge Heater 30 and 55ccm |
|  | PD80.1011 | Dispensing pen 3ccm |
|  | PD80.1012 | Dispensing pen 5ccm |
|  | PD80.1013 | Dispensing pen 10ccm |
|  | PD80.1014 | Dispensing pen 30ccm |
|  | PD60.1012 | Dispensing pen 5ccm with nozzle heating |
|  | PD60.1013 | Dispensing pen 10ccm with nozzle heating |
|  | PD60.1014 | Dispensing pen 30ccm with nozzle heating |
|  | PD10.0012 | Stand for dispensing pen for 3 & 5ccm cartridges |
|  | PD10.0013 | Stand for dispensing pen for 10ccm cartridges |
|  | PD10.0014 | Stand for dispensing pen for 30ccm cartridges |
|  | PD91.0003 | Foot switch for CD06/SD06 |
| More accessories and consumables at www.martin-smt.de | | |