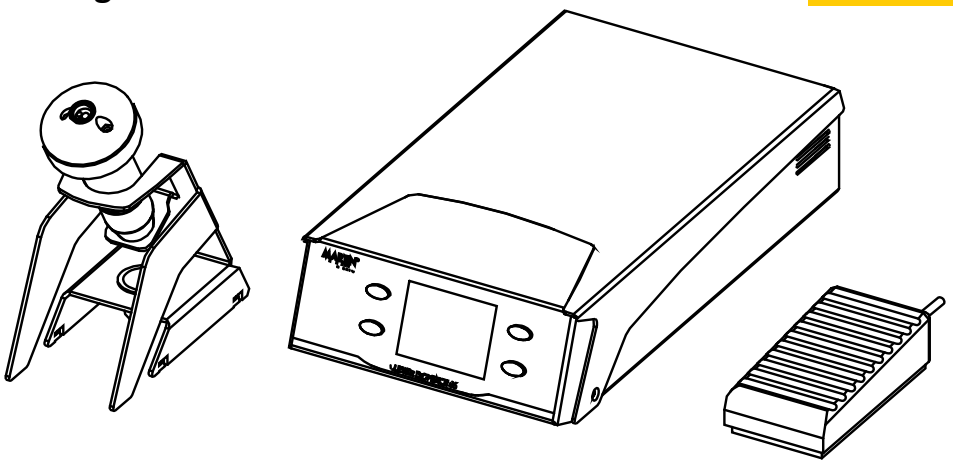
DISPENSE TECHNOLOGY

MARTIN®
a finetech company

CLEVER DISPENSE 06 H Set DP

Manual Dispensing with Heater



CD06.0102 CLEVER DISPENSE 06 H Set DP 5

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 retain vacuum are program-controlled use the time-pressure-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.

Temperature insulated dispensing pens are available for common cartridge sizes to avoid that the material is heated by the user during dispensing. If highly viscous materials are used it can be reduced by means of the optional nozzle heater. Dispensing programs are created and managed well-arranged by the Software CLEVER DISPENSE Pro on the PC. A maximum of 25 dispensing programs can be stored in the device and executed from there.

Standard Equipment

- Control Unit CLEVER DISPENSE 06
- Dispensing Pen (size to choice) with integrated Temperature Sensor 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 Data

Cartridges to use:	3, 5, 10, 30 ccm	
Viscosity Range:	0.1-10^5 mPas	
Nozzle Heater:	90°C max.	
Dot Dispense Settings:	Time Range:	0.001 s -2 s (±0.0005s)
	Pressure Range:	0.1 bar – 6 bar
	Repeatability :	1 % (Pressure Pulse)
	Smallest dispensing volume:	1.0 nl
Line Dispense Settings:	Time Range	0.1 s - 30 s
	Continuous Pressure Control	
	Repeatability:	2% (Pressure Level)
Ext. Communication:	USB 2 (Typ B)/SPS/PLC/network	
Weight / Size:	2.5 kg max.	272 x 152 x 60 mm^3

Options

Electronic Vacuum Control:	-20 mbar – 0 mbar (fill level control)	Nozzle Heater:	Optional

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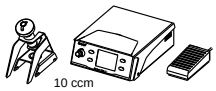
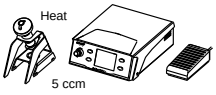
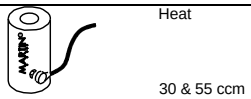
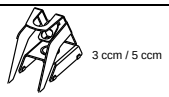
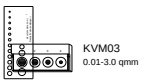
Basic Unit

CD06.0001	CLEVER DISPENSE 06 H control unit only (without power supply)	

Complete Sets

CD06.0101	CLEVER DISPENSE 06 H Set DP 3 foot switch, pen 3ccm, stand	
CD06.0102	CLEVER DISPENSE 06 H Set DP 5 foot switch, pen 5ccm, stand	
CD06.0103	CLEVER DISPENSE 06 H Set DP 10 foot switch, pen 10ccm, stand	
CD06.0104	CLEVER DISPENSE 06 H Set DP 30 foot switch, pen 30ccm, stand	
CD06.0202	CLEVER DISPENSE 06 H Set DPH 5 foot switch, pen 5ccm with heating, stand	

Optional Extras

CD06.0050	Vacuum module CD06 for thin fluids	
PD80.1012	Dispensing pen 5ccm for CD06/SD06 with 7 pin plug Dispensing pens for cartridge size 3ccm, 10ccm and 30ccm are available	
PD60.1012	Dispensing pen 5ccm with heating for CD06/SD06, 7 pin plug Dispensing pens with heating are for cartridge size 3ccm, 10ccm, 30ccm on request	
DK06.1005	Cartridge Heater 30 and 55ccm for dispensing head PD06H Cartridge Heater for cartridge size 5ccm and 10ccm on request	
PD10.0012	Stand for dispensing pen for 3 & 5 ccm cartridges CD06/SD06 Stand for dispensing pens for cartridge size 10ccm and 30ccm are available	
HT00.0002	Adhesive Volume Meter KVM 03 measuring range 0,01-3,0cmm	

Further units and consumables under www.martin-smt.de