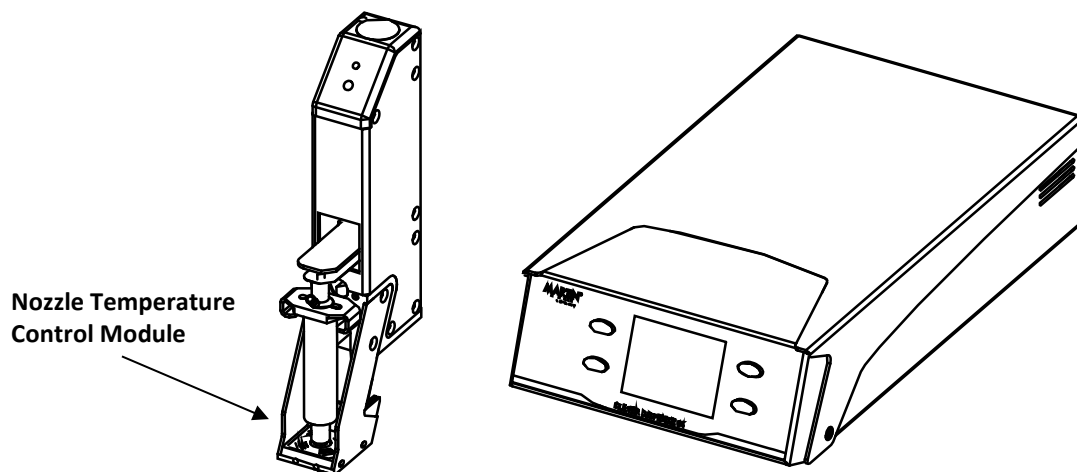


CLEVER DISPENSE 06 HC Set DK

Automated Dispensing with Heat & Cooling Functionality



CD06.2302 CLEVER DISPENSE 06 HC Set DK 5

The CLEVER DISPENSE 06 HC embodies a professional dispenser for applications that require highest accuracy and a maximum control of material temperature and viscosity. This dispenser allows heating and cooling (temperature control) of the dispensing nozzle and cartridge.

The all-electronic dispensers whose dispensing pressure, temperature and retract vacuum setting, for example, are program-controlled, use the volumetric 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. You can add own material to the already existing material library to define essential material parameter and limit values.

A temperature control module is a fixed component of every dispensing head in this unit set to keep the process stable. The module is mechanically compatible to the MARTIN precision metal nozzles. As an option, the cartridge temperature control module can be connected to the CLEVER DISPENSE 06 HC for setting the material temperature. The temperature control options combined with the optional height sensor offer maximum freedom in design of the dispensing system to the user in automation technology. A USB or a TCP/IP interface is provided for communication between dispenser and process computer.

Standard Equipment

- Control Unit CLEVER DISPENSE 06 HC
- Dispense Head with integrated Nozzle Tempering (no height sensor)
- Dispense Head Cable (l=2,6m)
- Pneumatic Hose (d=6mm, l=5m)
- Power Supply 90-230V AC -> 24V DC
- USB Cable
- PC-Software CLEVER DISPENSE Pro
- Manual

Technical Data

Cartridge to use:	3, 5, 10, 30, 55ccm
Viscosity Range:	0.1-10 ⁵ mPas
Nozzle Tempering:	-15K -> Ambient -> 50°C
Dot Dispensing Settings:	Time Range: 0.001s -2s (±0,0005s) Pressure Range: 0.1 bar – 6 bar Repeatability: 1 % (Pressure Pulse) Minimum Dot Size: 1.0nl
Line Dispensing Settings:	Time Range: 0.1s - 30s Continuous Pressure Control Repeatability: 2% (Pressure Level)
Ext. Communication:	USB 2 (Type B)/ SPS/ PLC/ Network
Weight / Size:	2,5 kg max. 272 x 152 x 60 mm ³

Options

Retract Vacuum:	-20 mbar – 0 mbar	Cartridge Tempering:	-15K -> Raumtemperatur -> 50°C
Height Sensor:	Supported Option of Dispense Head		

CLEVER DISPENSE 06 HC Set DK

Automated Dispensing with Heat & Cooling Functionality

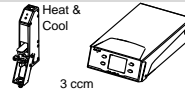
Basic Unit

CD06.0002 CLEVER DISPENSE 06 HC
control unit only (without power supply)

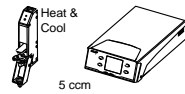


Complete Set

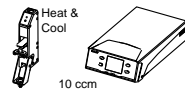
CD06.2301 CLEVER DISPENSE 06 HC Set DK 3
dispensing head 3ccm and nozzle
temperature control



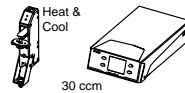
CD06.2301 CLEVER DISPENSE 06 HC Set DK 5
dispensing head 3ccm and nozzle
temperature control



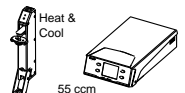
CD06.2303 CLEVER DISPENSE 06 HC Set DK 10
dispensing head 3ccm and nozzle
temperature control



CD06.2304 CLEVER DISPENSE 06 HC Set DK 30
dispensing head 3ccm and nozzle
temperature control



CD06.2305 CLEVER DISPENSE 06 HC Set DK 55
dispensing head 3ccm and nozzle
temperature control



Optional Extras

CD06.0051 Vacuum module CD06 HC
for thin fluids

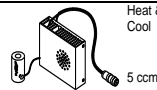


DK06.0502 Dispensing head 5ccm for CD06 HC
with nozzle temperature control



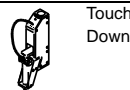
Dispensing heads for cartridge size 3ccm, 10ccm, 30ccm and 55ccm are available

DK06.1502 Cartridge Temperature Control 5ccm
for dispensing head CD06 HC

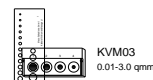


Cartridge temperature are for cartridge size 3ccm, 10ccm, 30ccm and 55ccm on request

DK00.0030 Hight sensor for dispensing head
dispensing w/o spacer, incl. spacer "0.0"



HT00.0002 Dickstoff-Volumen-Messgerät KVM-03
Messbereich 0,01-3 ccm



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