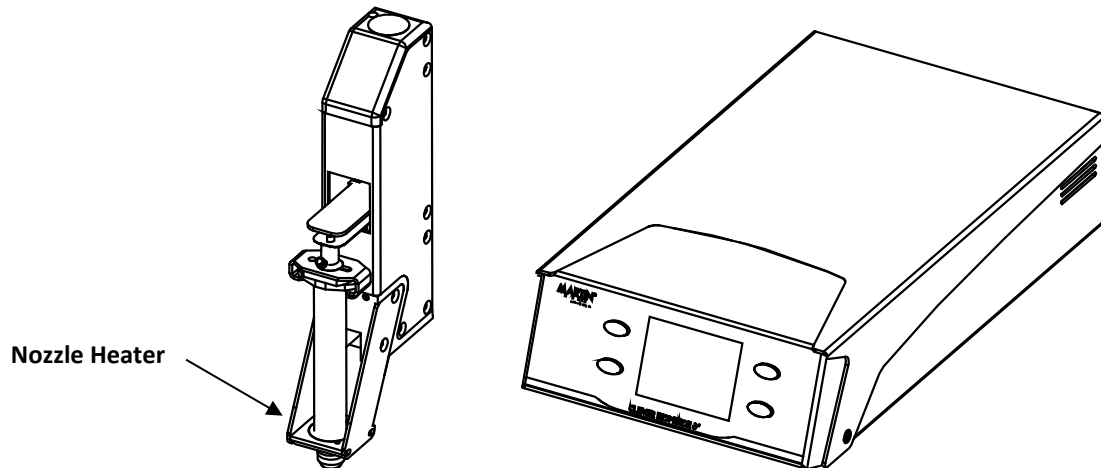


CLEVER DISPENSE 06 H Set DK

Automated Dispensing with Heater



CD06.1302 CLEVER DISPENSE 06 H Set DK 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 DK Sets were designed for application in automation.

The fully electronic dispensers whose dispensing pressure, temperature and retain vacuum, 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 your own material to the already existing material library to define essential material parameter and limit values.

Nozzle heaters are already integrated in the dispensing heads. They are mechanically compatible to MARTIN precision-metal-nozzles. Furthermore, the cartridge heater can be connected to the CLEVER DISPENSE 06 H for preheating the dispensing material.

The heating 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 H
- Dispensing head with integrated nozzle heater and connecting cable (2,6m)
- Pneumatic hose (d=6mm, l=5m)
- Power supply 90–230 V AC -> 24V DC
- USB Cable
- CD ROM with PC-Software CLEVER DISPENSE Pro
- Manual

Technical Data

Cartridges to use:	3, 5, 10, 30, 55 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)
Communication:	USB 2 (Typ B)/SPS/PLC/Network	
Weight / Size:	2.5 kg max.	272 x 152 x 60 mm ³

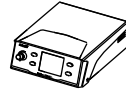
Options

Electronic Vacuum Control:	-20 mbar – 0 mbar (fill level control)	Cartidge Heater:	90°C max.
		Height Sensor:	Supported Feature – Option of Dispense Head

CLEVER DISPENSE 06 H Set DK - Automated Dispensing with Heater

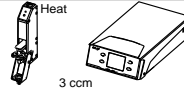
Basic Unit

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

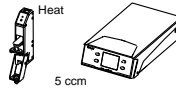


Complete Set

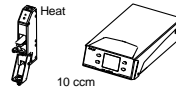
CD06.1301 CLEVER DISPENSE 06 H Set DK 3
dispensing head 3ccm with nozzle heating



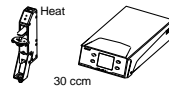
CD06.1302 CLEVER DISPENSE 06 H Set DK 5
dispensing head 5ccm with nozzle heating



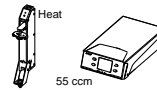
CD06.1303 CLEVER DISPENSE 06 H Set DK 10
dispensing head 10ccm with nozzle heating



CD06.1304 CLEVER DISPENSE 06 H Set DK 30
dispensing head 30ccm with nozzle heating



CD06.1305 CLEVER DISPENSE 06 H Set DK 55
dispensing head 55ccm with nozzle heating



Optional Extras

CD06.0050 Vacuum module CD06
for thin fluids

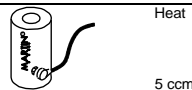


DK06.0002 Dispensing head 5ccm
with nozzle heating, for CD06 H



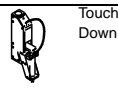
Dispensing heads for cartridge size 3ccm, 10ccm, 30ccm and 55ccm are available

DK06.1002 Cartridge Heater 5ccm
for dispensing head CD06H

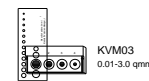


Cartridge heads are for cartridge size 3ccm, 10ccm, 30ccm and 55ccm on request

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



HT00.0002 Adhesive Volume Meter KVM 03
measuring range 0,01-3,0cmm



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