



CLEVER DISPENSE 06

Set H DK

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 fully electronic dispensers whose dispensing pressure, temperature and retract vacuum, 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. Furthermore, the cartridge heater can be attached to the CLEVER DISPENSE 06 H which allows the material temperature to be adjusted and controlled. A USB or a TCP/IP interface is provided for communication between dispenser and process computer.

Top Features

Automated dispensing



Automated & manual

Flexibly deployable dispensing heads or pens



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



Heater

Simply dispensing of high-viscosity material with the help of cartridge and nozzle heater



Software

Compensation of viscosity and temperature fluctuations through the use of recipes and material libraries



Interfaces

USB, TCP/IP, RS232, Ethernet

Standard equipment

- Control unit CLEVER DISPENSE 06 H
- Dispensing head (size of choice) with integrated nozzle heater and connecting cable (2,6m)
- 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

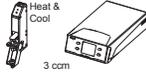
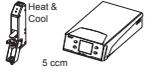
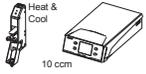
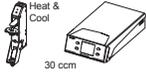
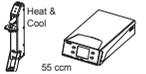
Cartridges to use:	3, 5, 10, 30, 55 ccm
Viscosity range:	0.1 - 10 ⁵ mPas
Nozzle heater	90°C max.
Communication:	USB 2 (Type B) / SPS / PLC / Network
Weight:	2,5 kg max
Size:	272 x 152 x 60 mm ³

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

Retract vacuum:	-20 mbar - 0 mbar
Height sensor:	For dispensing head
Cartridge heater:	90°C max.

CLEVER DISPENSE 06 H DK: Optional extras

	Article nr.	Name
Set variations		
	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

	DK06.0001	dispensing head 3ccm
	DK06.0003	dispensing head 5ccm
	DK06.0004	dispensing head 10ccm
	DK06.0005	dispensing head 55ccm
	DK06.1005	Cartridge Heater 30 and 55ccm

More accessories and consumables at www.martin-smt.de