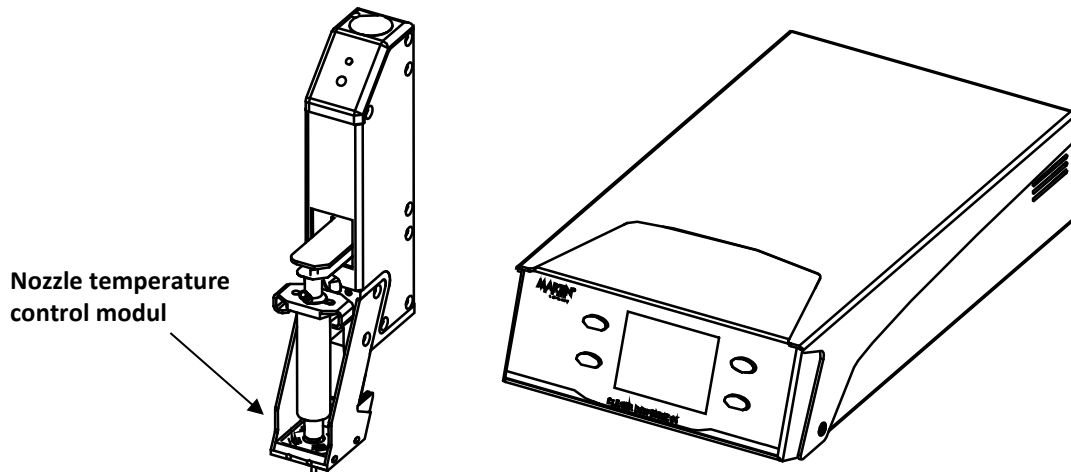


## CLEVER DISPENSE 06 HC Set DK

### Automated Dispensing with Heat & Cool Functionality



CD06.2301 CLEVER DISPENSE 06 HC Set DK 3

CLEVER DISPENSE 06 HC are professional dispensing devices for applications requiring highest accuracy and maximum control of material viscosity. These dispensers allow the heating and cooling (tempering) of the dispensing nozzle and cartridge. The sets were designed for system integrators.

The all-electronic dispensers of which e.g. the dispensing pressure, temperature and retain vacuum are set by program control rely on the proven time-pressure technology. This enables reliable dispense of small dots and lines from liquid to pasty material either as 1K-type or 2K-type. The device-internal material library can be adjusted to new materials.

For a stable process a tempering module is an inherent part of any dispensing head in these sets of equipment. The module is mechanically compatible with the MARTIN precision metal nozzles. Optionally, a cartridge tempering module for setting the material temperature can be connected to the CLEVER DISPENSE 06 HC. The tempering options combined with the optional height sensor offer maximum freedom in designing the dispensing system to the user in the automation technology. A USB or a stable TCP/IP interface is available for the communication between the dispenser and the process computer.

#### Standard Equipment

- Control Unit CLEVER DISPENSE 06
- Dispense Head with integrated Nozzle Heat&Cool Feature (prepared for one cartridge size upon request, no height sensor)
- Cable (7 x electric, 1 x pneumatic, 2,6m long) to connect Dispense Head with CLEVER DISPENSE 06 Unit
- Pneumatic hose (D=6mm; 5m long)
- 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 ccm, 5 ccm, 10 ccm, 30 ccm, 55 ccm	
Viscosity Range:	10-10 <sup>5</sup> mPas	
Nozzle Heat & Cool:	-10K -> Ambient -> 50°C	
Dot Dispense Settings:	Time Range:	0.001 s - 2 s (±0.0005s)
	Pressure Range:	0.2 bar – 7 bar
	Repeatability :	1 % (Pressure Pulse)
	Dot Size:	>100µm / >1nl
Line Dispense Settings:	Time Range	0.1 s - 30 s
	Continuous Pressure Control	
	Repeatability:	2% (Pressure Level)
Ext. Communication:	USB 2 (Typ B)	
Media Supply :	24V DC 2A, Air 3-7 bar ISO 8573-1:2010 [7:4:4]	
Weight / Size:	2.5 kg max.	272 x 152 x 60 mm <sup>3</sup>

#### Options


Electronic Vakuüm Control:	-20 mbar – 0 mbar (level control)
TCP / IP connectivity:	Optional

Cartidge Heat & Cool:	-10K -> Ambient -> 50°C
Height Sensor:	Supported Feature – Option of Dispense Head

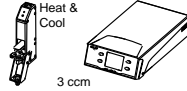
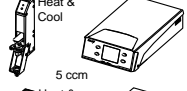
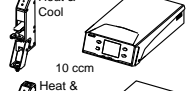


# CLEVER DISPENSE 06 HC Set DK

## Automated Dispensing with Heating & Cooling Option

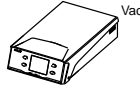
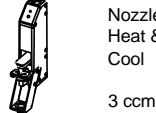


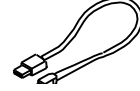
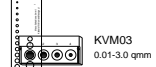
### Basic Unit

CD06.0002	CLEVER DISPENSE 06 HC control unit only		1 piece
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### Complete Set

CD06.2301	CLEVER DISPENSE 06 H Set DK 3 dispensing head 3ccm and nozzle		1 piece
CD06.2302	CLEVER DISPENSE 06 H Set DK 3 dispensing head 5ccm and nozzle		1 piece
CD06.2303	CLEVER DISPENSE 06 H Set DK 3 dispensing head 10ccm and nozzle		1 piece
CD06.2304	CLEVER DISPENSE 06 H Set DK 3 dispensing head 30ccm and nozzle		1 piece
CD06.2305	CLEVER DISPENSE 06 H Set DK 3 dispensing head 55ccm and nozzle		1 piece

### Optional Extras

CD06.0050	Vacuum module CD06 for thin fluids		1 piece
DK06.0501	Dispensing head 3ccm for CD06 HC with nozzle temperature control		1 piece
Dispensing heads are also for cartridge size 5ccm, 10ccm, 30ccm, 55ccm on stock available			
DK06.1501	Cartridge Temperature Control 3ccm for dispensing head CD06 HC		1 piece
Cartridge Temperature Controls are also for cartridge size 5ccm, 10ccm, 30ccm 55ccm on stock available			
DK00.0030	High sensor for dispensing head dispensing w/o spacer, incl. spacer "0.0"		1 piece
CD06.0080	Network Capability CD06 TCP/IP interface with SW		1 piece
HT00.0002	Adhesive Volume Meter KVM 03 measuring range 0,01-3,0cmm		1 piece

Further units and consumables under [www.martin-smt.de](http://www.martin-smt.de)