



# PROFI DISPENSE 06

## Set HC

PROFI DISPENSE 06 H are professional devices equipped with the same technology as the CLEVER DISPENSE 06 H. With their extremely flat housing and the remote dispensing head they are the professional solution to be integrated in automation technology. In application of dispensing technology in mechanical engineering long hoses may occur between dispensing control and dispensing head. To avoid associated disadvantages, the control electronics and dispensing pneumatic (PM 06) of the PROFI DISPENSE 06 are divided into two individual modules. The main benefits include the

small dimensions of the control unit and pneumatic module as well as its ability to dispense with accuracy. All application parameter like dispensing pressure, retract vacuum or nozzle- and cartridge temperature are parameterized by the PC or the system control. This provides complete control of the dispensing process. The devices are designed for dispensing small dots and fine lines of liquid to pasty material either as 1K-type or 2K-type. A network interface is standard equipment as well as a USB and the I/O interface for controlling the dispensing pulse by TTL or 24V signals.

## Top Features

Dispensing faithful to parameters



### Professional solution

Optimal design allows for perfect integration



### Precision

Smallest volumes through external pneumatic unit with short hose lengths



### Process reliability

Dispensing pressure, temperature and retract vacuum are configured through the program



### Tempering

Heating and cooling of media with limited pot life for complicated applications



### Software

Intuitive software offering use of dispensing recipes and the material library



### Interfaces

USB, TCP/IP, RS232, Ethernet

## Standard equipment

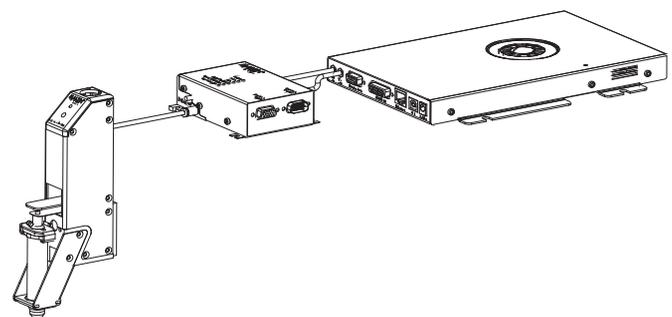
- Control unit PROFI DISPENSE 06 HC
- Pneumatic module PM 06
- Connector set, unassembled
- PC-Software CLEVER DISPENSE Pro
- USB cable
- Short instruction

## Technical details

<b>Cartridges to use:</b>	3, 5, 10, 30, 55 ccm
<b>Viscosity range:</b>	0.1-10 <sup>5</sup> mPas / heated 20 <sup>5</sup> mPas
<b>Vacuum:</b>	Autom. Vacuum, optional
<b>Communication:</b>	USB 2 (Typ B) / SPS / PLC / Network
<b>Weight:</b>	1,5 kg max
<b>Size:</b>	240 x 180 x 25 mm <sup>3</sup>

## Options

<b>Dispensing head:</b>	3, 5, 10, 30, 55ccm
<b>Nozzle tempering:</b>	15K -> Ambient -> 50°C
<b>Power supply:</b>	90-230V AC ->24V DC



<b>Line dispense settings:</b>	Time range:	0,1 s - ∞
	Continuous pressure control	
	Repeatability:	2% (Pressure level)
<b>Dot dispense settings:</b>	Time range:	0,005 s-7 s
	Pressure range:	0,2 bar - 6 bar
	Repeatability:	1% (Pressure pulse)
	Smallest dispensing vol.:	1,0 nl

<b>Retract vacuum:</b>	-20 mbar - 0 mbar (fill level control)
<b>Height sensor:</b>	For dispensing head
<b>Cartridge tempering:</b>	15K -> Ambient -> 50°C

