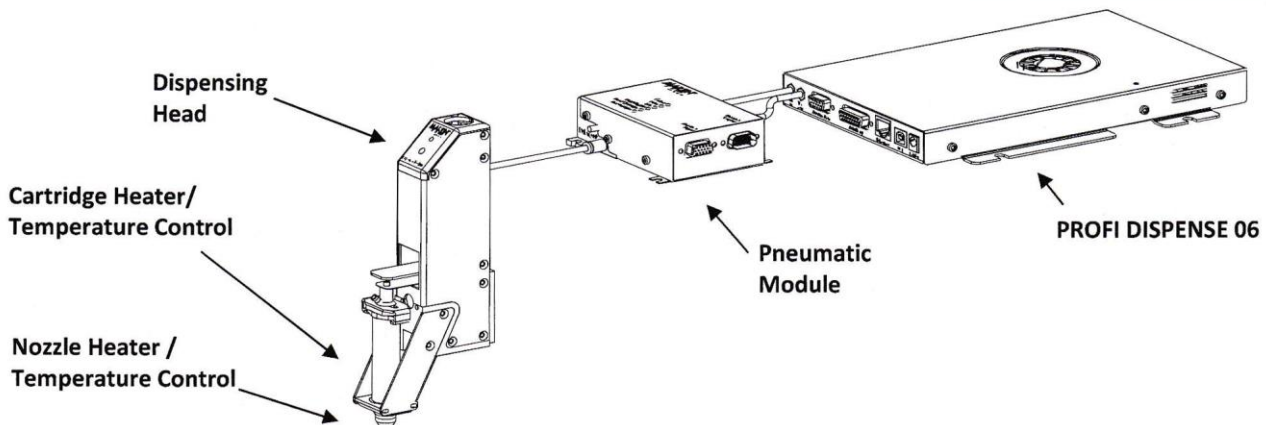


## PROFI DISPENSE 06

### Dispensing for Engineering



PD06.1701 PROFI DISPENSE 06 H Set

PROFI DISPENSE 06 H/HC/Jet are professional dispensers. With their extremely flat housing format and the remote dispensing head these devices 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 advantages from this approach become apparent in the small dimensions of the control unit and the pneumatic module as well as in the dispensing accuracy.

All application parameter like dispensing pressure, retain 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 for integration is standard equipment as well as a USB and the I/O interface for controlling the dispensing pulse by TTL or 24V signals.

#### Standard Equipment

- Control Unit PROFI DISPENSE 06 H
- Pneumatic Module PM 06
- USB Cable
- Connector Set
- PC-Software CLEVER DISPENSE Pro
- Manual

#### Technical Data

|  |  |
|--|--|
| Cartridges Available:                  | 3, 5, 10, 30, 55ccm ;<br>Dispense Head optional  |
| Viscosity Range:                       | 0.1-10 <sup>5</sup> mPas / Heated 20 <sup>5</sup> mPas   |
| Nozzle- & Cartridge-tempering/heating: | Available  |
| Dot Dispense Setting:                  | Time Range: 0.005 s - 3 s<br>Pressure Range: 0.2 bar – 6 bar<br>Repeatability: 1 % (Pressure Pulse)<br>Minimum Dot Size: 1nl |
| Line Dispense Setting:                 | Time Range: 0.1 s - 30 s<br>Continuous Pressure Control<br>Repeatability: 2% (Pressure Level)                                |
| Ext. Communication:                    | TCP/IP & USB 2 (Typ B)   |
| Media Supply:                          | 24V DC 1.5 - 4A  |
| Weight / Size:                         | 1.5 kg max.      240 x 180 x 25 mm <sup>3</sup>  |

#### Options

|                 |  |                           |                        |
|-----------------|--|---------------------------|------------------------|
| Retract Vacuum: | -20 mbar – 0 mbar ( <i>level control</i> ) | Nozzle / Cart. Tempering: | -15K < Ambient < +50°C |
| Height Sensor:  | Supported Option of Dispense Head          | Nozzle / Cart. Heating:   | Max. 90°C              |

## PROFI DISPENSE 06 Dispensing for Engineering

### Complete Set

PD06.1701 PROFI DISPENSE 06 H Set  
Control unit with pneumatic module



PD06.2701 PROFI DISPENSE 06 HC Set  
Control unit with pneumatic module



### Optional Extras

PD06.0050 Vacuum module PD06  
for thin fluids



Vac

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



Touch  
Down

DK06.0002 Dispensing head 5ccm  
with nozzle heating, for CD 06 H



Nozzle  
Heat

5 ccm

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

DK06.1002 Cartridge Heater 5ccm  
for dispensing head CD06H



Heat

5 ccm

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

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



Nozzle  
Heat &  
Cool

5 ccm

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

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

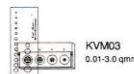


Heat &  
Cool

5 ccm

Cartridge Temperature for cartridge size 3ccm, 10ccm, 30ccm and 55ccm are available

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



KVM03  
0.01-3.0 gmm

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