



PROFI DISPENSE 06

Set H

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

Smallest dots and thinnest lines



Professional solution

Optimal design enables 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



Heater

Simple dispensing of high-viscosity materials 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

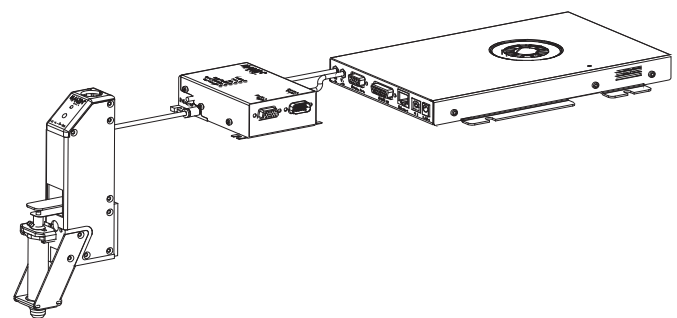
- Control unit PROFI DISPENSE 06 H
- Pneumatic module PM 06
- Connector set, unassembled
- PC-Software CLEVER DISPENSE Pro
- USB cable
- Short instruction

Technical details

Cartridges to use:	3, 5, 10, 30, 55 ccm
Viscosity range:	0.1-10 ⁵ mPas / heated 20 ⁵ mPas
Vacuum:	Autom. Vacuum, optional
Communication:	USB 2 (Typ B) / SPS / PLC / Network
Weight:	1,5 kg max
Size:	240 x 180 x 25 mm3

Options

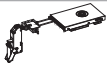
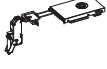







Dispensing head:	3, 5, 10, 30, 55 ccm
Nozzle heater:	Max. 90°C
Power supply:	90-230V AC ->24V DC



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

Retract vacuum:	-20 mbar - 0 mbar (fill level control)
Height sensor:	For dispensing head
Cartridge heater:	Max. 90°C

PROFI DISPENSE 06 H: Optional extras

	Article nr.	Name
Set variations		
	PD06.1701	PROFI DISPENSE 06 H Set Control unit with pneumatic module
	PD06.2701	PROFI DISPENSE 06 HC Set Control unit with pneumatic module
Consumables		
	PD06.0050	Vacuum module PD06 for thin fluids
	CD00.4102	Power Supply for CD06 / SD06
	CD00.4103	Power Supply for CD06 HC
 Touch Down	DK00.0030	High sensor for dispensing head dispensing w/o spacer, incl. spacer "0.0"
 Nozzle Heat 5 ccm	DK06.0002	Dispensing head 5ccm with nozzle heating, for CD 06 H
 Heat 30 & 55 ccm	DK06.1105	Cartridge Heater 30 and 55ccm for dispensing head PD06H
 Nozzle Heat & Cool 5 ccm	DK06.0502	Dispensing head 5ccm for CD06 HC with nozzle temperature control
	DK06.1503	Cartridge Temperature Control 10ccm for dispensing head CD06 HC
 KVM03 0,01-3,0 g/cm	HT00.0002	Adhesive Volume Meter KVM 03 measuring range 0,01-3,0cmm

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