



SMART DISPENSE 06

Set DP H

The SMART DISPENSE 06 is a professional dispensing device for manual tasks where high precision and repeat accuracy are essential. These dispensers also allow heating the dispensing nozzle. A temperature sensor inside the dispensing pen measures the cartridge temperature. Temperature insulated dispensing pens are available for common cartridge sizes in order to prevent the material from heating up during the dispensing application.

When highly viscous materials are used, the viscosity setting can be adjusted in the dispensing pen via an optionally integrated nozzle heater. Furthermore, 1K material can be processed reliably, whether in liquid or paste form. For materials with a low viscosity, the formation of drops on the dispensing needle is prevented through a manual retract vacuum.

Top Features

Controlled dispensing pressure.

 **Fully electronic dispensing device**
Manual procedure

 **Repeatability**
A consistent volume can be dispensed with the volumetric dispensing device, regardless of the viscosity

 **Plug and Play**
Intuitive operation through direct access to parameters such as pressure, time, temperature

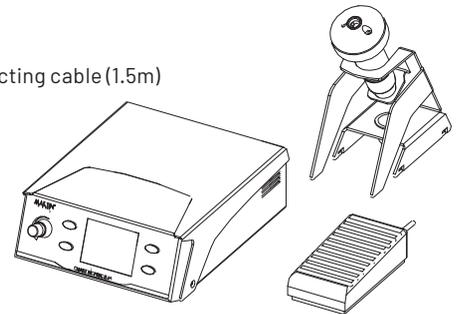
 **Format**
Compact format, innovative design, intuitive software

 **Temperature control**
Heatable dispensing nozzle for regulating temperature of the medium

 **Flexibility**
Exact dispensing results for low to highly viscous materials through temperature regulation

Standard equipment

- Control unit SMART DISPENSE 06
- Dispensing pen (size of choice) with integrated temperature sensor, nozzle heater and connecting cable (1.5m)
- Stand for dispensing pen, foot switch, needle set (27pcs)
- Pneumatic hose (d=6mm, l=5m)
- Power supply 90-230 V AC -> 24V DC
- USB cable
- Short instruction



Technical details

Cartridges to use:	3, 5, 10, 30 ccm
Viscosity range:	0.1-10 ⁵ mPas
Nozzle heater:	Max. 90°C
Communication:	USB 2 (Typ B)
Weight:	1,5 kg max
Size:	192 x 152 x 60 mm ³

Line dispense settings:	Time range:	0,1 s - 999 s
	Pressure level:	0,2 - 3,5 bar
Dot dispense settings:	Time range:	0,001 s - 2 s (±0,0005 s)
	Pressure range:	0,2 bar - 4,5 bar
	Repeatability:	5 % (Energiepuls)
	Smallest dispensing vol.:	2 nl

Options

Retract vacuum:	Manual
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SMART DISPENSE 06 DP H: Optional extras

	Article nr.	Name
Set variations		
	SD06.0202	SMART DISPENSE 06 Set DPH 5
	SD06.0203	SMART DISPENSE 06 Set DPH 10
Optional extras		
	SD06.0050	Vacuum module SD06
	PD80.1011	Dispensing pen 3ccm
	PD80.1012	Dispensing pen 5ccm
	PD80.1013	Dispensing pen 10ccm
	PD80.1014	Dispensing pen 30ccm
	PD60.1012	Dispensing pen 5ccm with nozzle heating
	PD60.1013	Dispensing pen 10ccm with nozzle heating
	PD60.1014	Dispensing pen 30ccm with nozzle heating
	PD10.0012	Stand for dispensing pen for 3 & 5ccm cartridges
	PD10.0013	Stand for dispensing pen for 10ccm cartridges
	PD10.0014	Stand for dispensing pen for 30ccm cartridges
	PD91.0003	Foot switch for CD06/SD06

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