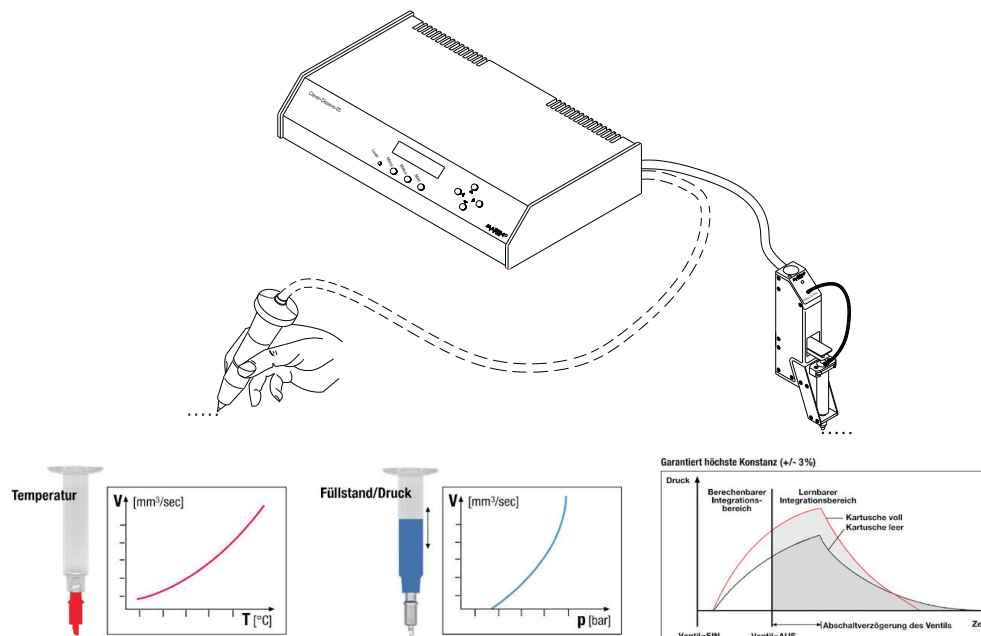


## Clever-Dispense-04/05



### Advanced Time Pressure

The application of pastes or thin liquids is achieved with MARTIN dispensers without any compromise. An intelligent, patented technology takes account of all necessary factors and computes the pressure pulse required for a precisely defined volume to be dispensed with the highest accuracy and repeatability. All of this while surprisingly easy to use.

### Applicational Advantages

- Precision dispensing results, even for 0.4mm pitches
- Simple operation – no cleaning of pumps or auger screw
- Automatic fill level sensing without the need for complicated magnetic plungers (Dot Liner 06/07)

The pneumatic controls are doubled so that, together with precision measuring of the pressure indicating syringe fill levels, snuff back can be automatically adjusted for any particular fill level. This new and unique solution avoids drips while changing syringes and in stand by.

MARTIN dispensers arose from 25 years experience in dispensing expertise to result in the clever Advanced Time Pressure technology. Combined with software configured for specific applications this technology is aimed at high quality dispensing and has proven extremely flexible and successful at home and abroad.

MARTIN dispensers represent surprisingly good value for the precision offered, while at the same time being simple and easy to use. They are reliable by design, using robust stepping motors, patented software and well established valve technology.

### Technical Data





Power Consumption:	25 VA
Mains Supply:	AC 230/115 V, 50/60 Hz
Dot Volume:	0.001 - 10 mm <sup>3</sup> (watery medium from 0,01 mm <sup>3</sup> )
Line Pressure:	0.1 – 5.0 bar
Viscosity:	0.01 – 10 (factor)
Dispensing Pen:	for 5, 10, 30 cm <sup>3</sup> with temperature sensor
Dispenser Head:	for 3, 5, 10, 30 cm <sup>3</sup> with temperature sensor and heating (20 - 50 °C)
Temperature Compensation:	10 - 50 °C
Fill Level Compensation:	for all syringes sizes, (self learning)
Working Pressure:	4 - 8 bar
Weight:	approx. 3.5 kg
Foot print:	348 x 200 x 90 mm (348 x 294 x 90 mm with double pneumatic module)

### Clever-Dispense-05

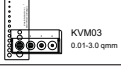


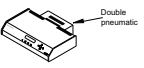


Restrain vacuum:	1 - 38 cm (automatically fitting the fill level)
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## Clever-Dispense-04/-05

### Unit samples

CD00.0002	Clever-Dispense-04* foot switch, pen 5ccm, stand	 5 ccm CD00.0002
CD00.0003	Clever-Dispense-04* foot switch, pen 10ccm, stand	 10 ccm CD00.0003
CD00.0004	Clever-Dispense-04* foot switch, pen 30ccm, stand	 30 ccm CD00.0004
CD00.2202	Clever-Dispense-04 with head HS* for 5ccm, with heating	 5 ccm CD00.0002
CD00.2203	Clever-Dispense-04 with head HS* for 10ccm, with heating	 10 ccm CD00.0003
CD00.2204	Clever-Dispense-04 with head HS* for 30ccm, with heating	 30 ccm CD00.0004
CD00.0102	Clever-Dispense 05 auto vacuum* foot switch, pen 5ccm, stand	 5 ccm CD00.0102
CD00.0103	Clever-Dispense-05 auto vacuum* foot switch, pen 10ccm, stand	 10 ccm CD00.0103
CD00.0104	Clever-Dispense-05 auto vacuum* oot switch, pen 30ccm, stand	 30 ccm CD00.0104
CD00.2302	Clever-Dispense-05 with head HS* auto vacuum, for 5ccm, with heating	 5 ccm CD00.2302
CD00.2303	Clever-Dispense-05 with head HS* auto vacuum, for 10ccm, with heating	 10 ccm CD00.2303
CD00.2304	Clever-Dispense-05 with head HS* auto vacuum, for 30ccm, with heating	 30 ccm CD00.2304

### Optional Extras

HT00.0002	Adhesive Volume Meter KVM 03 measuring range 0.01-3.0cmm	 KVM03 0.01-3.0 qmm HT00.0002
DK02.0002	Cooling Module 5ccm for DL / CD, 10 °C cooling power	 5 ccm DK02.0002
DK02.0003	Cooling Module 10ccm for DL / CD, 10 °C cooling power	 10 ccm DK02.0003
CD00.0111	Double pneumatic module for XL cartridges	 Double pneumatic CD00.0111
CVSX.4003	External control for Clever Dispense 04/05 proc. CDP...-E, eprom, cable, Martin DVD	 CVSX.4003
PD60.1020	Heating control for CD 04/05/VK 5pin-s (order pen/head seperately)	 Heating PD60.1020