



DELO

Precision dispensing unit DELOMAT 101

Maximum accuracy when dispensing in laboratory operation

DELOMAT 101 provides you with an easy-to-use and economical solution for reproducible dispensing. Being suitable for a multitude of liquids and pasty media, this pressure-time dispensing unit excels as a semi-automatic table device for small series and for high-precision

prototype development. Since it can be controlled via PLC, it can also be integrated into systems, and thus operated fully automatically. This offers you investment security for the start-up of your production.

Your benefits



Time-pressure dispensing

High precision and repeatability



No drop formation

Retention vacuum for low-viscous liquids



Controllable by PLC

For fully automatic dispensing, investment security through scalability



Low space required

Compact design simplifies integration into systems



Long lifetime

High-quality, powder-coated & robust stainless steel housing



Optional nozzle heater

Easy dispensing of high-viscous media



Virtually maintenance-free

No wear parts, low downtime costs



Intuitive operation thanks to clear menu navigation

Change of parameters, such as pressure, time and temperature, with just a few keys



Media that can be dispensed

- Adhesives
- Encapsulants
- Soldering paste
- Greases
- and many more



Technical details

Control	Foot switch, finger switch, PLC
Operating modes	Time-controlled & continuous operation
Viscosities that can be dispensed	0.1 – 10 ⁵ mPa·s (flowable to pasty)
Nozzle heater	Optionally available
Adjustable time range	0.01 – 640 s
Adjustable pressure range	0.01 – 6.0 bar increment 0.05 bar
Retention vacuum	Yes
Power supply	Primary: 100 – 240 V AC 1.0 A, 50 – 60 Hz Secondary: 24 V DC 1.5 A
Weight	1.2 kg
Dimensions (W × D × H)	153 mm × 195 mm × 64 mm

Contact our
experts:



www.DELO-adhesives.com/en/DELOMAT101

CONTACT

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ADHESIVES

DISPENSING

CURING

CONSULTING

DELO

Die technischen Angaben dienen nur zu Informationszwecken. Spezifizierte Werte finden Sie in der jeweiligen Betriebsanleitung. Die Eignung des Geräts für den vorgesehenen Verwendungszweck unter Berücksichtigung aller Rahmenbedingungen ist jeweils vom Anwender selbst zu testen. Für Unterstützung bei der Anwendung wenden Sie sich bitte an Ihren Ansprechpartner im Engineering.

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The technical data are for informational purposes only. Specific values can be found in the user manual. It is the user's responsibility to test the suitability of the device for the intended purpose by considering all specific requirements. If you need support in using the devices, please feel free to ask your contacts in our Engineering Department.

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