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

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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<tbody>
<tr>
<td>Control</td>
<td>Foot switch, finger switch, PLC</td>
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<tr>
<td>Operating modes</td>
<td>Time-controlled &amp; continuous operation</td>
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<tr>
<td>Viscosities that can be dispensed</td>
<td>0.1 – 10⁵ mPa·s (flowable to pasty)</td>
</tr>
<tr>
<td>Nozzle heater</td>
<td>Optionally available</td>
</tr>
<tr>
<td>Adjustable time range</td>
<td>0.01 – 640 s</td>
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<tr>
<td>Adjustable pressure range</td>
<td>0.01 – 6.0 bar increment 0.05 bar</td>
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<tr>
<td>Retention vacuum</td>
<td>Yes</td>
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<tr>
<td>Power supply</td>
<td>Primary: 100 – 240V AC 1.0A, 50 – 60Hz Secondary: 24V DC 1.5A</td>
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<tr>
<td>Weight</td>
<td>1.2 kg</td>
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<tr>
<td>Dimensions (W × D × H)</td>
<td>153 mm × 195 mm × 64 mm</td>
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</table>

Contact our experts: