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 cartridge 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>Control</th>
<th>Foot switch, finger switch, PLC</th>
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<tbody>
<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>Cartridge heater</td>
<td>Optionally available</td>
</tr>
<tr>
<td>Adjustable time range</td>
<td>0.01 – 640 s</td>
</tr>
<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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</tbody>
</table>
| Power supply                 | Primary: 100 – 240V AC 1.0A, 50 – 60Hz  
  Secondary: 24V DC 1.5A                                  |
| Weight                       | 1.2 kg                                                   |
| Dimensions (W × D × H)       | 153 mm × 195 mm × 64 mm                                   |

Contact our experts: