LEAK MASTER CHECKER

Easily check the flow of Leak Master

Convenient features in a compact, easy-to-carry body

Features

(1) Select the flow ranges of your choice

- Up to 2 ranges (out of 4) can be selected for the Flow Sensor.
- Change the range of Flow Sensor just by operating the front panel.
- Changing the Flow Sensor range can widen the measurement range. Many different Leak Masters can be handled.

(2) Easily set the test pressure

- Precision Pressure Regulator enables accurate setting of target pressure.
- Test pressure can be checked with Digital Pressure Gauge.
- Low (L) or Medium (M) pressure can be selected according to the specification.

Pneumatic Circuit
Specifications

<table>
<thead>
<tr>
<th>Flow Range (Display Range)</th>
<th>5 mL/min (0.00 to 5.00)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>20 mL/min (0.00 to 19.99)</td>
</tr>
<tr>
<td></td>
<td>100 mL/min (0.0 to 100.0)</td>
</tr>
<tr>
<td></td>
<td>200 mL/min (0.0 to 199.9)</td>
</tr>
<tr>
<td>Test Pressure Range (Adjustment Range)</td>
<td>L (5 to 100 kPa)</td>
</tr>
<tr>
<td></td>
<td>M (0.005 to 0.7 MPa)</td>
</tr>
<tr>
<td>Measurement Accuracy</td>
<td>±2 % of F.S. ±1 digit (At the calibration temperature)</td>
</tr>
<tr>
<td>Accuracy Guaranteed Temperature Range &amp; Accuracy</td>
<td>±3.5% of F.S. at fluid temperature of 10 to 30 °C</td>
</tr>
<tr>
<td>Leak Master Port Size</td>
<td>M10 × 1.5</td>
</tr>
<tr>
<td>Power Source</td>
<td>100 to 240 VAC ±10 % (Fuse: 0.5 A  25 VA Max.)</td>
</tr>
<tr>
<td>Allowable Overpressure</td>
<td>10 kPa</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>5 to 40 °C</td>
</tr>
<tr>
<td>Weight</td>
<td>Approx. 4 kg</td>
</tr>
</tbody>
</table>

Model Classification

**LMC-120 (1),(2)(3),(4)**

The 2nd range in (3) can be selected as an option.

<table>
<thead>
<tr>
<th>Pressure Range</th>
<th>Flow Range</th>
<th>Power Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>5 to 100 kPa</td>
<td></td>
</tr>
<tr>
<td>M</td>
<td>0.005 to 0.7 MPa</td>
<td></td>
</tr>
</tbody>
</table>

(1)

Flow Range

- 5ML: 5 mL/min
- 20ML: 20 mL/min
- 100ML: 100 mL/min
- 200ML: 200 mL/min

(2)(3)

Flow Range

- VA: 125 VAC (3 m)
- VE: 250 VAC (2 m)
- VK: 250 VAC (2 m) for Chinese customers

(4)

Power Source

- for Chinese customers

External Appearance

* The contents of this PRODUCT INFORMATION are as of October 2018. The specifications are subject to change without prior notice.

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Cosmo Instruments India Pvt. Ltd. Pune - Chakan Office

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Australia: Industrial Research Technology Pty. Ltd.