### HANDHELD PRESSURE MEASURING DEVICE

**GMH 3111**
- Art. no. 600374
- Hand-held pressure measuring device with 1 sensor connection, without sensor

**GMH 3111-EX**
- Art. no. 600380
- Hand-held pressure measuring device with 1 sensor connection, without sensor, Ex

**Specifications:**
- Max. display range: \(-19999 \ldots +19999\) digit
- Measuring range: corresponding to used probe
- Overload: corresponding to used probe
- Resolution: corresponding to used probe
- Accuracy: \(\pm 0.1\,\%\,FS \pm 1\,\text{digit (at nominal temperature} = 25^\circ\text{C})\)
- Pressure units: \(\mu\text{bar, bar, Pa, kPa, MPa, mmHg, PSI, Pa, atm, mbar, bar, kPa, MPa, mmHg, PSI, \mu\text{bar}}\)
- Probe connection: 1 sensor socket
- Serial interface: 6-pin lockable Mini-DIN-socket(s)
- Display: 2 x 4½ digit LCD
- Output: Interface
- Sensor adjustment: digital offset and scale input
- Measuring cycle: 4 measurements / s
- Battery life: approx. 120 h
- Operating conditions: -25 ... +50 °C, 0 ... 95 % RH
- Housing: Impact-resistant ABS plastic housing, foil keypad, clear viewing pane
- Dimensions: 142 x 71 x 26 mm (H x W x D)
- Weight: approx. 150 g
- Interface: Serial interface

**Note to Ex-design types:**
- The operation of the interface is not allowed within the Ex area!
- Working temperature: -10 ... +50 °C
- Power supply: 9 V battery, d.c. connector
- Alarm function: Only d.c. connectors of type GNG10/3000 can be used.

**Note to pressure unit selection:**
- Information for all GMH 31xx
- The choice of a specific pressure unit is possible, if its whole measuring range is displayable within the display of the device and the sensor is supporting these resolution.

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### HANDHELD INSTRUMENT | PRESSURE

**ACCESSORIES**

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<thead>
<tr>
<th>Accessory Code</th>
<th>Description</th>
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<tr>
<td>GMSD ... - K51</td>
<td>Pressure sensors (p.r.t. page 88)</td>
</tr>
<tr>
<td>Prandtl-Staurohr</td>
<td>Art. no. 60150</td>
</tr>
<tr>
<td>GKK 3500</td>
<td>Plug-in power supply 5 V DC, suitable for GMH 5000 series</td>
</tr>
<tr>
<td>GNG 5 / 5000</td>
<td>Electrically isolated interface converter, supplied via USB</td>
</tr>
<tr>
<td>USB 5100</td>
<td>Software for operation of logger devices (p.r.t. page 109)</td>
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<tr>
<td>EBS 20M</td>
<td>Software for long-term measuring (p.r.t. page 108)</td>
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<tr>
<td>GDZ-01</td>
<td>PVC tube 6/4 (6 mm outer Ø, 4 mm inner Ø) (5 bar at 23 °C)</td>
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<tr>
<td>GDZ-30</td>
<td>Adapter G1/2“ inner to tube 6/4</td>
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<tr>
<td>GSOFT 3050</td>
<td>Software for operation of logger devices (p.r.t. page 109)</td>
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<tr>
<td>USB 3000</td>
<td>Electrically isolated interface converter, supplied via USB</td>
</tr>
<tr>
<td>GNG S / 5000</td>
<td>Plug-in power supply 5 V DC, suitable for GMH 5000 series (p.r.t. page 113)</td>
</tr>
<tr>
<td>GKK 3500</td>
<td>Device case (394 x 234 x 106 mm) with eggcrate foam and cut-outs for 1 device</td>
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</table>

**Note to Ex-design types:**
- One device for any measuring range (2.500 mbar ... 1000 bar)
- Calibrated and fully interchangeable pressure probes