The Multimag family presents meters for residential, commercial and industrial applications with various size and nominal diameter options. The Multimag meters are strong and may be used in a variety of different installations. It combines the long term reliability of extra-dry registers with the durability of hydraulic components.

Reliability
• 100% of the products are calibrated on an electronic calibration bench
• Results of the calibrations of 100% of the lot can be sent to the client
• Patented magnetic cover
• Used around the world in all types of environmental conditions

Adaptability
• Horizontal Register: a solution for supported installations or wall cases
• Metal Register: designed for installations in cases on the ground or those subject to flooding

Communication Device
Pre-equipped for future communication through Cyble.

Multimag TM II
Strong multi-jet meter for Residential, Commercial and Industrial applications
**Superior Technology**

In order to guarantee top metrological performance, the turbine ➊ should have appropriate hydrodynamic balance and should also have high-performing hinges ➋ to support it. Additionally, the magnetic transmission ➌ should be made with well designed magnets and the gear train should be designed to minimize resistance from friction.

---

**Adaptability**

Multimag TM II meters can be equipped with Cyble™ remote reading interfaces. The application possibilities of this technology are:
- Optimal reading and billing
- Leak detection
- Reverse flow detection
- Fraud detection
- Study of consumer habits

Additionally, the Cyble™ technology has the following characteristics and advantages:
- The Cyble™ interface can be applied to any Actaris meter that has a pre-equipped register
- Reliability
- Immune to magnetic fraud
- Field tested for over 10 years

---

**Multimag TM II Class C**

The Multimag TM II Class C version with nominal flow of 1.5 m³/h was developed for sanitation companies that use multi-jet meters in their parks, where a good portion of their billing comes from low consumption residential users.
### Metrological Characteristics

<table>
<thead>
<tr>
<th>Nominal diameter (DN)</th>
<th>15</th>
<th>20</th>
<th>25</th>
<th>40</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>in mm</td>
<td>1/2&quot;</td>
<td>3/4&quot;</td>
<td>1&quot;</td>
<td>1&quot; 1/2</td>
<td>2&quot;</td>
</tr>
<tr>
<td>Metrology classes</td>
<td>B</td>
<td>C</td>
<td>B</td>
<td>B</td>
<td>B</td>
</tr>
<tr>
<td>Starting flow rate L/h</td>
<td>1</td>
<td>9</td>
<td>11</td>
<td>9</td>
<td>18</td>
</tr>
<tr>
<td>Minimum flow rate Qmin L/h</td>
<td>1</td>
<td>15</td>
<td>30</td>
<td>15</td>
<td>50</td>
</tr>
<tr>
<td>Transitional flow rate Qt L/h</td>
<td>120</td>
<td>22.5</td>
<td>120</td>
<td>22.5</td>
<td>200</td>
</tr>
<tr>
<td>Nominal flow rate Qn m³/h</td>
<td>1.5</td>
<td>1.5</td>
<td>1.5</td>
<td>2.5</td>
<td>3.5</td>
</tr>
<tr>
<td>Maximum flow rate Qmax m³/h</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>5</td>
<td>7</td>
</tr>
<tr>
<td>Maximum admissible temperature °C</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>Maximum admissible pressure bar</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Pressure loss group at Qmax m³/h</td>
<td>&lt;1</td>
<td>&lt;1</td>
<td>&lt;1</td>
<td>&lt;1</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Indicating range m³</td>
<td>9999*</td>
<td>99999**</td>
<td>99999**</td>
<td>99999**</td>
<td>99999**</td>
</tr>
<tr>
<td>Minimum scale interval L</td>
<td>0.02</td>
<td>0.2</td>
<td>0.2</td>
<td>0.2</td>
<td>0.2</td>
</tr>
</tbody>
</table>

* Optional 99999 ** Optional 999999

### Typical Accuracy Curve

![Typical Accuracy Curve](image)

- Multimag TM II Class C (3 m³/h)
- Multimag TM II Class B (3 m³/h)
- Multimag TM II Class B (5 m³/h)

### Head Loss

![Head Loss](image)

- DN15 (165 mm)
- DN15 (190 mm)
- DN20
- DN25
- DN40
- DN50

- Residential Line
- Commercial and Industrial Line
Dimensions

<table>
<thead>
<tr>
<th>Nominal diameter (DN) mm</th>
<th>15</th>
<th>20</th>
<th>25</th>
<th>40</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (length) mm</td>
<td>165-170-190</td>
<td>190</td>
<td>260</td>
<td>300</td>
<td>270</td>
</tr>
<tr>
<td>B (width) mm</td>
<td>80</td>
<td>80</td>
<td>98</td>
<td>130</td>
<td>165</td>
</tr>
<tr>
<td>C (height) mm</td>
<td>70</td>
<td>70</td>
<td>70</td>
<td>100</td>
<td>120</td>
</tr>
<tr>
<td>D (height of the axel to the lid) mm</td>
<td>100</td>
<td>100</td>
<td>110</td>
<td>140</td>
<td>200</td>
</tr>
<tr>
<td>E (height of the axel to the open lid) mm</td>
<td>120</td>
<td>120</td>
<td>180</td>
<td>210</td>
<td>270</td>
</tr>
</tbody>
</table>

The meter thread should be specified as BSP (ISO 228-1) or NPS-M (ANSI/ASME B1.20.1)

Variants

In addition to the standard register, we also offer a inclined and copper can mineral glass register.

- **Inclined Register**
  - Designed for supported installations or wall cases
  - Easy to read

- **Glass Copper Register**
  - Designed for installations in cases on the ground or those subject to intermittent flooding
  - Tamper-proof cover

For more information, please contact your local agency.