**Digital Manometer**

**FOR THE EXAMINATION OF COOLING SYSTEMS**

The dV-2 Cool was designed for monitoring tasks at refrigerators and refrigerating plants. Vapour pressure/temperature graphs for 5 refrigerants are saved in the unit and can be selected by pressing a button.

At the touch of a button, the battery-driven instrument switches the LCD-display between vapour temperature and pressure indication, with the display offering a choice of bar / °C or PSI / °F.

The high resolution display means that dV-2 Cool can also be used for measuring leaks in vacuums.

The rugged dV-2 Cool with a stainless steel pressure sensor can optionally be fitted with a protective rubber covering. The face of the instrument can be rotated towards the pressure connection, thus allowing the ideal alignment of the display when fixing the instrument.

The dV-2 Cool has the following functions:

**GAS**  
Selection of the refrigerant.

**UNITS**  
Switching between bar / °C and PSI / °F

**CONT**  
The instrument turns off 15 minutes after the last key function. Activating CONT (Continuous) deactivates this automatic turn-off.

**BAT LOW**  
The battery symbol illuminates when battery power is low.

**Refrigerant:**

In the standard version, the vapour pressure/temperature graphs of the following refrigerants are stored:

- R22, R12, R507, R404a, R134a.

Other refrigerants optionally available (on request).

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**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure Ranges</td>
<td>-1…40 bar</td>
</tr>
<tr>
<td>Display-Resolution</td>
<td>1 mbar</td>
</tr>
<tr>
<td>Overpressure</td>
<td>1,5 x pressure range</td>
</tr>
<tr>
<td>Accuracy *</td>
<td>0,1 %FS</td>
</tr>
<tr>
<td>Compensated Temperature Range</td>
<td>0…50 °C</td>
</tr>
<tr>
<td>Storage/Operating Temperature Range</td>
<td>-10…60 °C / 0…50 °C</td>
</tr>
<tr>
<td>Display/Measuring Interval</td>
<td>2 x per second</td>
</tr>
<tr>
<td>Supply</td>
<td>3 V battery, type CR 2032</td>
</tr>
<tr>
<td>Battery Life</td>
<td>≈ 2 months at continuous operation</td>
</tr>
<tr>
<td>Pressure Connection</td>
<td>7/16 UNF. Optional: other connections.</td>
</tr>
<tr>
<td>Protection</td>
<td>IP 64</td>
</tr>
<tr>
<td>Width x Height x Depth</td>
<td>68 x 70 x 35 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>≈ 90 g (with rubber protection ≈ 126 g)</td>
</tr>
<tr>
<td>Optional Accessories</td>
<td>- Protective rubber covering</td>
</tr>
<tr>
<td></td>
<td>- Front display with customer logo</td>
</tr>
</tbody>
</table>

* Includes linearity, repeatability, hysteresis and temperature error. Does not include Zero stability.