

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:

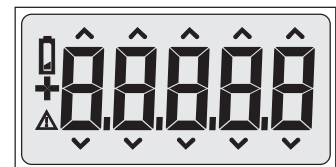
R22, R12, R507, R404a, R134a.

Other refrigerants optionally available (on request).

dV-2 Cool



*dV-2 Cool
with 7/16 UNF-connection*



Display Segments dV-2 Cool



SPECIFICATIONS

Pressure Ranges	-1...40 bar	-1...80 bar
Display-Resolution	1 mbar	2 mbar
Overpressure	1,5 x pressure range	
Accuracy *	0,1 %FS	
Compensated Temperature Range	0...50 °C	
Storage- / Operating Temperature	-10...60 °C / 0...50 °C	
Display- / Measuring Interval	2 x per second	
Supply	3 V battery, type CR 2032	
Battery Life	≈ 2 months at continuous operation	
Pressure Connection	7/16 UNF. Optional: other connections.	
Protection	IP 64	
Width x Height x Depth	68 x 70 x 35 mm	
Weight	≈ 90 g (with rubber protection ≈ 126 g)	
Optional Accessories	- Protective rubber covering - Front display with customer logo	

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



*dV-2 Cool with
protective rubber covering*