

PRESS RELEASE

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Digital pressure gauge for refrigeration performance monitoring

Digital pressure gauge for refrigeration systems

The exact vapor pressure curves of five different refrigerants are stored in the dV-2 Cool digital pressure gauges manufactured by Keller AG. This enables the prevailing cooling temperatures in closed cooling circuits to be derived and displayed by the integrated micro-processor.

Two versions of the digital pressure gauge with stainless steel measuring cell are available: for absolute pressures within the ranges of -1 bar to 40 bar and -1 bar to 80 bar. These measure within the compensated pressure range of 0 °C to 50 °C with extreme accuracy and with a tolerance of ± 0.1 %FS. Because of the high resolution of 1 mbar and 2 mbar, the dV-2 Cool pressure gauges can also be used for measuring leaks in a vacuum.

The measurements are clearly legible on the LCD display, which can be rotated to the best viewing direction after installation. Depending on the environment, a special rubber surround is available for protection.

Two buttons (Select/Enter) are available for operating the instrument and setting parameters (e.g. selecting the type of refrigerant). You can also switch between units of bar/°C and psi/°F. After switching on, the battery-operated instrument remains active for a period of 15 minutes and then goes into standby mode. Continuous measurements can be made for approximately two months without changing the batteries.

The dV-2 Cool from Keller AG für Druckmesstechnik are available to OEM's with custom front faceplates for their own corporate identity and can also be configured for other refrigerants. Please contact the factory with details of your specific application.

