Absolute Barometers offer a very quick & easy solution for assessing the vacuum level achieved & whether there are leaks within an evacuated part.

**SPECIFICATION**

**Measuring Range:** Abs. Pressure - 0 to 1300 mbar or 0 to 975 mmHg
**Resolution:** 1 mbar or 1 mmHg
**Max. Overpressure:** 2000 mbar resp. 1500 mmHg
**Accuracy:** (±1 Digit) +/- 0.25% FS hysteresis & linearity (at nominal temperature = 25°C) or +/- 0.50% FS temperature dependency 0 to 50°C
**Pressure Connection:** metal pressure port socket made of nickel plated brass, for connection to 6 x 1 mm (4 mm ID) nylon hose (or the like) at the top of device. Protrudes about 11 mm
**Offset & Scale:** digital offset & scale correction for pressure measuring
**Measuring Frequency:** 1 measurement per second
**Display:** approx. 13 mm high, 3½-digit LCD
**Operation Elements:** 3 keys for ON/OFF, min-/max-value display, zero setting
**Min-/Max-Value Memory:** Min & max measured value are stored
**Sea Level Correction:** By entering the elevation above sea level, the pressure at sea level can be displayed
**Zero Function:** Difference measuring - the display value is set to zero
**Ambient Conditions:** -25 to 50°C; 0 to 80% RH (not condensing)
**Storage Temperature:** -25 to 70°C
**Power Supply:** 9V-battery type JEC 6F22 (in scope of supply)
**Power Consumption:** approx. 250µA (battery life: with standard zinc carbon battery more than 1200 hours!)
**Battery Change Indicator:** automatically if battery is used up: "BAT"
**Auto-Off-Function:** when activated, the device switches off automatically if the keypad is not attended for a period of time (selectable from 1 to 120min).
**Housing:** impact-resistant ABS, transparent panel, front side IP65
**Dimensions:** approx. 106 x 67 x 30 mm (L x W x D) without pressure ports
**Weight:** approx. 135g incl. battery