



JR TECHNOLOGY
LIMITED

REINFORCED PLASTICS & COMPOSITES
PRODUCTION ENGINEERS

VACUUM MEASUREMENT:
ABSOLUTE BAROMETERS

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) $\pm 0.25\%$ FS hysteresis & linearity (at nominal temperature = 25°C) or $\pm 0.50\%$ 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



J R TECHNOLOGY LIMITED, 81 NORTH END, MELDRETH, ROYSTON, HERTS. SG8 6NU, UK
Tel.- +44 (0)1763 260721 Fax.- +44 (0)1763 260809
e-mail.-enquiries@jrtech.co.uk Website.- www.jrtech.co.uk

JRTD0920/01