

TLDMM-A01: Digital Test Pressure Gauge $\pm 0.1\%$ f.s.
TLDMM-A02: Digital Test Pressure Gauge $\pm 0.2\%$ f.s.

- Ranges up to 2000 bar available
- 1 year autonomy without recharging (battery operated)
- Pressure units "bar", "mbar", "psi", "MPa", "kPa" switchable
- PEAK function (positive and negative)
- Digital Filter (programmable)
- Pressure connection: 1/2" BSP male
- Clear easy to read LCD display with large numbers

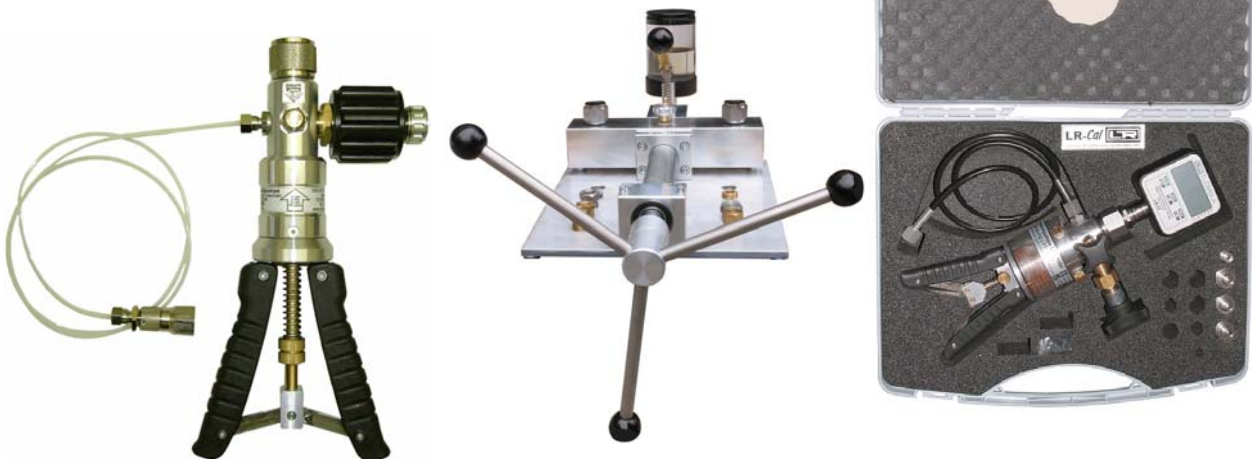


The **TLDMM-A01** and **TLDMM-A02** are microprocessor based digital test pressure gauges, made of particularly high long-term stable analogue section and an 16 bit A/D converter which ensure 65,000 internal divisions. These features, together with a 0.1% accuracy class (type TLDMM-A01) resp. 0.2% accuracy class (type TLDMM-A02), make them ideal as a laboratory instrument: in fact the **TLDMM-A01** and **TLDMM-A02** are proposed as a first line sample for Calibration Laboratories.

The digital test pressure gauges **TLDMM-A01** and **TLDMM-A02** have internal batteries with 1 year autonomy, also guaranteed by the Auto-PowerOff function, which activates if no measurements changes are detected in the previous 30 minutes. A **certificate of calibration** is included to each instrument.

The user can select different engineering units (psi, bar, mbar, MPa, KPa), resolution and digital filter, suitable for measurements to be performed. In order to increase the level of integration among components, a combined (traditional and SMT) technology has been used, that makes this test pressure gauges more resistant against mechanical stresses and vibrations and guarantees maximum reliability for the circuit. The display also shows an analogue indication bar for pressure, that is still on, even in the programming menu.

As an option, the **TLDMM-A01** and **TLDMM-A02** are available with a RS232 interface. A connection cable and a simple Software to read out the RS232 interface can be supplied on request. Furthermore, a version for mains power supply 230 VAC is available.



The **TLDMM-A01** and **TLDMM-A02** can be used with portable or stationary calibration pressure sources like **LPP 30** pneumatic calibration handpump (*left image*), in a kit **LPP-KIT-HD-20** with **LPP 700** or **LPP 1000** hydraulic handpump (*right image*), or with **LSP** pressure comparison spindle pumps (*center image*).

