

T6060

DIFFERENTIAL ENTRY-LEVEL LEAK TESTER



DATA SHEET



So small, yet so powerful.

T6060 can count on a measurement resolution of 0.1 Pa to 1 bar (0.5 Pa to 6 bar) stable and noise-free, sharing a part of the measurement section implemented on the higher series T8000 and T9000.

Despite being designed as an entry-level equipment, the measurement performance is absolutely comparable to those of the rest of the ForTest range.



Advanced measurement performance



Resolution from 0.1 Pa

All the connections you need.

T6060 has a more limited port supply than high level range, but is equally complete: a USB slave port, RS232, RS485 and CAN bus.

The front panel has a master USB port assembled on it for connection to a USB key to save the tests conducted, backup/restore parameters and upgrade tool firmware. The connection to thermal printers, barcode/data-matrix readers and markers takes place automatically using an internal menu.



Usb key



High power outputs



RS232, RS485, Can

Always easier.

T6060 enhanced the user interface, thanks to an innovative tempered glass panel with built-in capacitive keyboard, around a 3.5" colour display.

The new, high resolution display makes it even easier to view the test cycle and the programming menus, and the capacitive keyboard allows fast parameter entry.



3,5" colour display



Touch screen capacitive keyboard

Always better measurements.

By nature, differential technology enables a measurement sensitivity even better than absolute decay, guaranteeing a decay resolution of 0.1 Pa up to 6 bar testing.

The implementation of new pressure sensors, combined with the measurement section with centring technology in windows and double Faraday optical-isolated cage made further improvement of the tool performance.



Differential technology



Centring technology in windows



Resolution of 0.1 Pa up to 6 bar

Everything is where it should be.

Despite the compact dimensions which made use of more simplified menus necessary, the T6060 user interface was however designed to facilitate programming of the test parameters.

The front panel is made of a single sheet of tempered glass and aluminium, which makes it extremely easy to clean, making the T6060 suitable for use in the laboratory and on the production line.

The extensive internal menus are easy to understand and the graphic interface was designed to only display important information.

Everything is exactly where it should be.



User-friendly interface



Easy to clean



Use in sectors at 360°

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Application Sectors

Aerospace	Valves	Packaging
Automotive	Brakes	Gas
Household Appliances	Refrigeration	Heating
Electronics	Mechanical	Hydraulics
Foundry	Medical	Energy
Pneumatics	Oleodynamic	Cylinders

Measurement Characteristics

Type		Range from -1 to 10 bar
Δp(Leak)	Accuracy	0.5% RDG+3DGT
	Resolution	From 0.001 mbar to 0.1 mbar
Direct Pressure	Accuracy	0.5% FS

Features

- Resolution from 0.1 Pa
- Colour display
- USB pen drive for store results and test parameters
- Bluetooth Low Energy and WiFi interfaces on-board
- 99 Test Programs
- USB Type-B female connector for PC
- 6 Languages (English, Italian, French, German, Spanish, Portuguese)
- Mechanical Start/Stop button
- Firmware upgrade via USB pen
- Password protection
- 24V I/O (Start, Stop, Filling, Test, Good, Reject, 4BCD)
- Unit measure available: mbar, bar, psi, mmHg, mmH2O, Pa, HPa, cc/min, cc/h, pressure/s
- Frontal connector for Staubli calibrated leak

Technical Specifications

- Dimensions 180 × 160 × 200 mm
- Weight 5 Kg
- Electrical Supply 24VDC
- Air tube size: 4×2.7, 6×4, 8×6

Test Modes

- Differential Leak Test

Communication Interfaces

Interface Name	Standard	Protocol
RS232/RS485	Yes	ForTest, Modbus RTU, Trace EOT
USB-Serial	Yes	ForTest, Modbus RTU, Trace EOT

Accessories

- Barcode reader
- Label printer
- Leak Test Manager PC software
- Air filter
- External Start/Stop push button