



**MARPOSS**  
TECNA

# Provaset T2

**EQUIPMENT FOR LEAK TESTS  
BY ABSOLUTE PRESSURE DECAY**



- Leak test with full scale up to 6 bar
- Resolution up to 1 Pa (0.01 mbar)
- 3.5" colour LCD display with touch screen
- Up to 100 test programs tables
- Digital I/O interface for PLCs, RS232/RS485 serial lines and USB for PC
- Test recording via Ethernet and USB



## DESCRIPTION

PROVASET T2 is a compact, versatile and extremely reliable instrument that applies the latest electronic and pneumatic technologies to offer the best performances.

The new Provaset T2 updates the previous Provaset 2P model, with which maintains the program and connection compatibilities. Provaset T2 is designed for manual use on bench in

limited areas but it could be integrated on automatic systems managed by PLC.

Provaset T2 is able to communicate through digital I/O, Ethernet, USB host/slave and RS232/RS485 serial line interfaces.

The test data collection is possible on USB memory and via Ethernet.

Provaset T2 is available with 2 bar or 6 bar full scale model, with 1 Pa resolution on leak reading.

A Staubli connector is available to connect a Leak Master.

The test pressure can be regulated with a manual precision pressure regulator; the pressure of regulation is shown on the display.

## OPTIONS (T2 PLUS)

- Staubli connector on front panel
- Ethernet port to instrument management and data collect
- 100 test programs, statistics, calculation of the leak flow rate Q in cm³/min or cm³/h
- Automatic pendrive data collection (through USB host)

## OPTIONAL ACCESSORIES

- Air filters
- Certificated Leak Master to be inserted in the Staubli® connector
- Remote control keypad

TEST

# Provaset T2

Rev 04/22

## SPECIFICATIONS

Power supply	100÷240 Vac; 50÷60 Hz; 15W; Option: 24 Vcc, 15W
Compressed air line	Dry, non-condensing, 5-micron filtered and oil-free air, compliant with ISO8573-1, 6x4 mm hose fitting
Test pressure	Measurement area: 0÷2 bar, resolution 1 Pa; 0÷6 bar, resolution 1 Pa Accuracy: +/- 0.5% FS
Pressure drop	Accuracy: +/- 1%; read value +/- 1 Pa
Keyboard	LCD display with touch screen Manual Start/Stop button
Display	3.5" colour TFT LCD display with touch screen
Indicators	"Passed" result led, "Failed" result led
Test counter	PASSED and FAILED totals, resettable to zero
Audio alert	Built-in beeper
Clock	Date and time
Programmable parameters	Up to 100 test programs
PLC connections	4 photocoupled inputs and 4 photocoupled outputs
Data interfaces	Configurable RS232/RS485 serial lines USB slave, USB Host, Ethernet (option) Protocols: Modbus and CVS
Staubli® Connector	For Leak Master (option)

## T2 EP OPTION FOR OBSTRUCTION TEST IN CONTINUOUS

The equipment works into a continuous mode, checking whether each small tube under test is free of occlusions.

The test starts immediately and automatically after the tube is easily inserted by the operator into the test port.

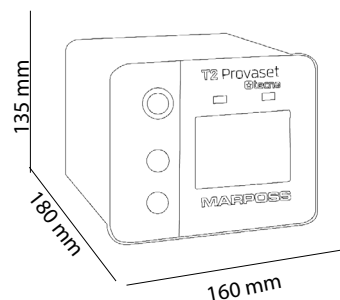
The operator won't have to press any button to start the measurement..

Each tube is tested independently, T2- EP gives the result on the screen up to the tube is finally removed by the operator.

Thanks to the green and red leds on the equipment and on the screen, and an audible alarm, the operator has an immediate PASSED or FAILED result and can verify that the tube under test has no obstructions.

Each result is available up to the tube is removed from the equipment test port.

## DIMENSIONS



## AV10 - PNEUMATIC MODULE WITH AUTOMATIC START AND RELEASE FOR BLOOD LINES LEAK TESTING

The AV10 pneumatic module is supplied as an external accessory to be connected to air leak testing equipment.

Designed for blood lines leak testing in air, this version is equipped with a mechanism that automatically starts (start at the leak tester) the test when the operator connects the blood line, and automatically releases it at the end of the test if the test result is positive (good piece). The AV10 module can be used as a pneumatic connection interface between Tecna testing equipment and blood lines.

The internal valves of the AV10 module are used to advance or retract the release mechanism and are electrically controlled from the test equipment.



TECNA

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