

2SEAL



MARPOSS
TECNA

COMPACT LEAK TESTER THE IDEAL OUTCOME FOR MECHANICAL INDUSTRY

NEW MATERIALS AND GEOMETRIES
FOR MAXIMUM ROBUSTNESS AND DURABILITY

EXTRA KEYBOARD DESIGNED FOR HEAVY-DUTY USE
IN INDUSTRIAL ENVIRONMENTS



- Leak test up to 6 bar
- Resolution 1 Pa (0.01 mbar)
- 3.5" colour LCD display, touch screen
- Extra keyboard
- Ethernet and USB
- Backward compatibility of programming with Provaset 2P



DESCRIPTION

2SEAL is the new Tecna Marposs leak testing instrument. This leak tester combines the experience in the design and production of air testing instrumentation and the knowledge of the production needs of the "heavy" industry. In particular, the robustness of the painted steel case makes it

resistant to use in mechanical production environments and its integrated fixing system allows it to be installed on manual or automatic benches. The electronic is equipped with a touch screen which makes programming the instrument parameters and test tables, quick and easy. The essential and robust

keyboard simplifies the daily operation for its users. A reliable and precise pressure regulator completes the most important features of 2SEAL. 2SEAL is designed for manual bench use but can easily be integrated into systems managed by PLC.

CALIBRATION SERVICE

Each equipment is accompanied by a calibration report released by Tecna. According to the requirements of ISO9001 standard, calibration must be verified at specified intervals against national or international test masters. Tecna and Marposs, through specialized personnel and certified instruments, offer a complete scheduled calibration service.

TEST

SPECIFICATIONS

Power supply	24Vcc $\pm$ 10 %, 1.5 A
Compressed air line	Dry, non-condensing, 5-micron filtered and oil-free air, compliant with ISO8573-1 (1:2:1)
Test pressure	Measurement area: 0÷2 bar, resolution 1 Pa; 0÷6 bar, resolution 1 Pa
User interface	Touch screen Manual Start/Stop button 4 keys keyboard
Display	LCD display touchscreen 3.5" a colori
Indicators	Passed" result led, "Failed" result led
Test counters	PASS and REJECT totals, resettable to zero
Audio alert	Built-in beeper
Clock	Date and time
Programmable parameters	16 test programs
Digital IO	4 photocoupled inputs and 4 photocoupled outputs (option)
Serial lines	Configurable RS232/RS485 (option)
USB	USB Host. USB Slave (option)
LAN	1 RJ45 Ethernet
Interfaces and Protocols	jServer MINI for data collection on pc Modbus TCP/IP (RTU option)
Housing	Painted steel

ACCESSORIES

- Remote control keypad
- 3-colours indicator light with loud sound alert
- Air filters
- "T" fitting, external, with Staubli® connector
- Certificated Leak Master to be inserted in the Staubli® connector on "T" fitting
- Dust caps included

DIMENSIONS

