

T6990



ABSOLUTE DECAY ENTRY-LEVEL LEAK TESTER.



Always easier.

T6990, recalculating the success of its predecessor M6990, an obviously enhanced 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

Ultra compact pneumatics.

T6990, to keep dimensions as compact as possible, assembles a pneumatic unit with standard flow valves, ideal to test volumes up to 5 litres. The robustness of these valves means no scheduled maintenance of any kind is necessary, therefore guaranteeing savings for customers.



Ideal for volumes up to 5 litres



High strength against humidity



No periodic maintenance

All the connections you need.

T6990 has a more limited port supply than its larger comrades, but is equally complete: ports for the USB slave, 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

Everything is where it should be.

Despite the compact dimensions which made use of more simplified menus necessary, the T6990 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 T6990 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



360° use

So small, yet so powerful.

T6990 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 tool, the measurement performance is absolutely comparable to those of the rest of the ForTest range.



Advanced measurement performance



Resolution from 0.1 Pa

T6990



ABSOLUTE DECAY ENTRY-LEVEL LEAK TESTER.

Model	0-1 bar	1-2 bar	2-6 bar	6-10 bar
Dp / flow accuracy	0,5% RDG+3DGT	0,5% RDG+3DGT	0,5% RDG+3DGT	0,5% RDG+3DGT
Dp / flow measurement range	0-65 mbar	0-65 mbar	0-65 mbar	0-65 mbar
Dp / flow resolution	0,001 mbar	0,002 mbar	0,005 mbar	0,01 mbar
Filling pressure accuracy	0,5%FS	0,5%FS	0,5%FS	0,5%FS
Filling pressure measurement range	0-FS	0-FS	0-FS	0-FS
Filling pressure resolution	0,1 mbar	0,1 mbar	0,1 mbar	1 mbar
Leak measurement accuracy in cc/'	1%RDG+0,03cc/min	1%RDG+0,03cc/min	1%RDG+0,03cc/min	1%RDG+0,03cc/min
Leak measurement range in cc/'	0-10 cc/min	0-10 cc/min	0-10 cc/min	0-10 cc/min
Leak measurement resolution in cc/'	0,01 cc/min	0,01 cc/min	0,01 cc/min	0,01 cc/min
Volume measurement accuracy in cc/'	-	-	-	-
Volume measurement range in cc/'	-	-	-	-
Volume measurement resolution in cc/'	-	-	-	-
Unit of measurement	mbar, bar, psi, mmHg, mmH2O, Pa, HPa, cc/min, cc/h, pressure/s.			
Dimensions	180X160X200 mm			
Weight	5 kg			
Display dimensions	320x240 pixel			
Working temperature range	5-40 °C			
Port RS232	2			
Port RS485	1			
"Master" USB port	1			
"Slave" USB port	1			
Ethernet port	-			
I/O signals	Start, Stop, Filling, Test, Good, Reject, 3BCD			
Auxiliary I/O signals (optional)	-			
New programs	100			
Test archive memory	Standard			
Lock with password	Yes			
Program name	Yes, 8 characters			
Reference norms	EN 61010-1, EN61326-1 / EN61326/A1, EN61000-3-2 / EN61000-3-2/A14, EN61000-3-3 / EN61000-3-3/A1, EN61000-4-2 / EN61000-4-2/A1, EN61000-4-3 / EN61000-4-3/A1 / EN61000-4-3/A2, EN61000-4-4, EN61000-4-5, EN61000-4-11, EN1779			

T6990



ABSOLUTE DECAY ENTRY-LEVEL LEAK TESTER

ACCESSORIES

- External exhaust solenoid with protection filter
- 3 way pneumatic valve
- Pilotage solenoid
- External start button
- External start/abort pushbutton
- External pushbutton 4 programs selection
- Start pedal
- Barcode reader
- Adhesive label for printer 4500pcs
- Aux signals extension cable
- Venturi Vacuum generator
- Air filter
- Staubli male connector
- Precision micrometer nozzle
- Micrometer nozzle
- M series manager software
- TTY
- Serial protocol
- External 24 VDC power supply
- PC serial cable owner ---> M Series
- 3-way pneumatic valve with pilot valve
- Thermal printer without peel
- Adapter cable AUX M Series ---> ET Series
- Remote Start / Abort / Good / Reject
- Software "Data Manager"
- Air filter 5 micron

OPTIONALS

- Pneumatics with micro electro valves
- Frontal connector for Staubli calibrated leak
- Bi-manual logic Start Input
- High resolution measure - (STANDARD)