



K5990

Micro **absolute pressure decay** leak tester

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Absolute pressure decay leak testing

K5990 is the new compact, high-performance entry-level leak tester. Born for the medical sector, it also finds application in all other sectors such as automotive, oleodynamic, pneumatic and household appliances.



Compact
dimensions



High
connectivity



High measurement
performance



Touchscreen display
and keyboard

K5990 is designed to meet the demand for small yet high-performing entry-level absolute pressure decay leak testers, without compromise.

With dimensions of 160×140×180 mm and a weight of only 2.5 kg, K5990 is the ideal candidate for manual testing stations, particularly in the medical sector, or in simple applications requiring the performance of a high-end instrument.

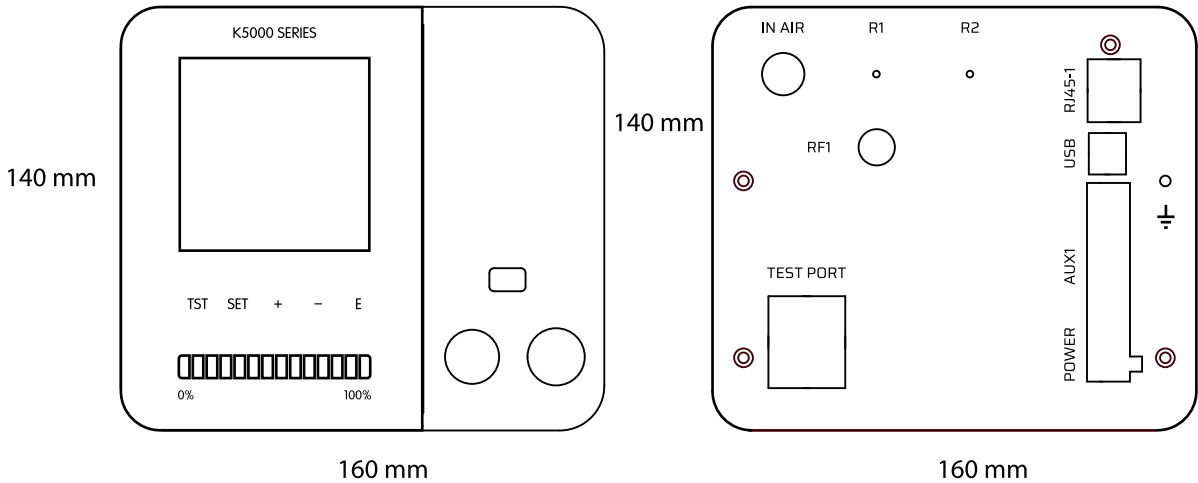
K5990 features a capacitive touch-screen panel with a 3.5" color display, dynamic LED bar and backlit keyboard, all enclosed under a high-resistance tempered glass panel.

Standard equipment includes a Staubli fitting for calibrated leaks, USB port for saving results and firmware updates, precision manual pressure regulator, 100 test programs, I/O connector, RS232, RS485, USB and Ethernet (optional). The measurement ranges go from -1 to 10 bar.

TECHNICAL SPECIFICATIONS

Weight	2,5 kg
Display size	3,5" - 480×480 pixel
Operating temperature range	5-40 °C
RS232 ports	2
RS485 ports	1
USB "master" port	1
USB "slave" port	1
Ethernet port	Optional (protocolli ForTest, Modbus RTU)
I/O signals	Start, Stop, Filling, Test, Good, Reject, 3BCD
Auxiliary I/O signals (optional)	-
Number of programs	100
Test archive memory	Standard
Password lock	Yes
Program name	Yes

Dp accuracy	0,5% RDG+3DGT
Dp measurement range	0-65 mbar
Dp resolution	0,001 mbar
Direct pressure accuracy	0,5%FS
Direct pressure measurement range	0-FS
Direct pressure resolution	0,1 mbar
Leakage measurement accuracy in cc/min	1%RDG+0,03cc/min
Leakage measurement range in cc/min	0-10 cc/min
Leakage measurement resolution in cc/min	0,01 cc/min
Volume measurement accuracy in cc	-
Volume measurement range in cc	-
Volume measurement resolution in cc	-
Units of measurement	mbar, bar, psi, mmHg, mmH2O, Pa, hPa, cc/min, cc/h, pressure/s.
Dimensions	L:160 H:140 l:180 mm



Applications
Medical | Oleodynamic | Mechanical