



HeMaTech 3925-0071

Leak tester for relative pressure method

The HeMaTech 3925-0071 is a modern leak test instrument. It's based on a modular PC and offers easy to use operation with touchscreen display and VNC server.

The relative pressure method provides fast results associated with an attractively priced instrument. It is ideally equipped for many measuring tasks in series production when it is required to test for larger permissible leakages.

- The user guidance and programming of the test sequence known from the 75eco has also been fully implemented in this leak tester as well.
- Compressed air is used as the test medium. Compressed air is contamination-free and the operating costs are low.
- Due to the low viscosity, the air can quickly penetrate porosities or other causes of a leak. Drying and cleaning of the tested parts as well as rust protection measures are not required.
- The test parameters are entered in an easy to use programme plan and do not require any special prior knowledge. Direct help is available if required.
- Integration is easy to implement thanks to a digital machine interface already included in the standard equipment
- Profibus or Profinet are available as options. This allows test parameters and test results to be easily exchanged with a higher-level control system.

Leak tester 3925-0071



Technical data

System:	Modular PC with Windows CE	Interfaces:	<u>Control inputs:</u> 24 V; 500 mA
Memory:	persistent memory, NAND- Flash for 10,000 records Larger data volumes via external, front-connectable USB memory		<u>Control outputs:</u> 24 V; 500 mA short-circuit proof
Measuring sensor:	Transmitter for relative pressure		1 x serial interface RS 232 for transfer of parameters and test results
Display:	7" TFT VGA touchscreen display 800 x 480 px		1 x USB 2.0 for transfer of parameters and test results, keyboard, mouse
Data entry:	Virtual keyboard on TFT Display, external keyboard via USB, VNC viewer		1 x RJ45 for VNC
Measuring range:	0 ... 6,000 mbar		Optional: Profibus, Profinet
Measuring resolution:	0.1 mbar	Housing:	Compact metal case
Results:	mbar, ml/min	Dimensions (WxHxD):	357x141x420 mm
Testing volume:	up to 1,000 ml	Power supply:	110 ... 240 V, 50/60 Hz
Test programs:	99	Power consumption:	max. 100 VA
Filling and test pressure:	electronic pressure control 0.2 ... 6.0 barg	Air supply:	1.5 bar > test pressure max. 10 bar dry, oil-free and filtered
Test parameters:	Filling pressure ... bar Test pressure ... bar Filling time 0.1 ... 999.9 s Stabilization time 0.1 ... 999.9 s Measuring time 0.1 ... 999.9 s Rework limit ... Reject limit ... Consecutive rejects limit	Pneumatic ports:	air supply G $\frac{1}{4}$ ", test medium G $\frac{1}{4}$ ", optional G $\frac{1}{8}$ ", reference port G $\frac{1}{8}$ " vent through air silencer G $\frac{1}{4}$ "
Write protection:	Key switch	Weight:	approx. 8 kg
Status indicator:	Accept Rework Reject Fault	Scope of delivery:	leak tester, power cord 2.5 m key for write protection switch, USB stick containing manual and documentation
		Order number:	3925-0071