

# Leak Detector CETATEST 710



<b>Operating principle</b>	The CETATEST 710 is a full automatically working leak detector for the detection of untight parts within the cycle time of the production process. The pressure loss caused by the leakage in the test part is measured.
<b>Sequence controller</b>	Multi-microcontroller system
<b>Pressure loss sensor</b>	Piezo-resistive pressure transducer
<b>Measurement range</b>	Max. 30.000 Pa measurement range (depending on the test pressure range) in 1 daPa-steps (1 daPa = 1 deka Pascal = 10 Pa) Other ranges on request
<b>Result units</b>	Pa, daPa, hPa, Pa/s, daPa/s, hPa/s, psi, psi/s, ml/min, ml/h, l/min
<b>Test mode</b>	Pressure loss measurement, dynamic pressure test (option), test of closed components (option), prefill (option)
<b>Electronically regulated test pressure ranges</b>	Negative gage pressure (-0,8 bar), 200 mbar, 1 bar, 9 bar Other test pressure ranges on request Mechanical pressure regulator on request
<b>Alphanumeric display</b>	LC display (240 x 128 Pixel)
<b>Programmable test parameter</b>	Test pressure, pressure limits, delay time, fill time, stabilization time, test mode depending limits, measurement time, exhaust time, reject level, rework level, program series (option)
<b>Self Test Leak Tightness</b>	This function allows the test of the leak tightness of the CETATEST 710. For this check the leak tester has not to be disconnected pneumatically from the application. This self check is executed by a separate test program and an internal valve switching mechanism.
<b>Functionality</b>	Simple, flexible menus with copy function
<b>Parameter memory</b>	64 test programs
<b>Parameter Storage</b>	Entered data remain stored without line voltage (up to 10 years).
<b>Access Control</b>	By means of a four digit code number (can be deactivated)
<b>Pass and fail counter</b>	Per program
<b>Acknowledge-Reset</b>	Switchable
<b>Evaluation</b>	Pass indicator (green), fault indicator (yellow), fail indicator (red)

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**Dimensions** Width: 345 mm, Height: 145 mm (3 RU), Depth: 435 mm

Interfaces	8 digital I/O (Standard)		RS 232 (Standard)	
	Input and Output			
Start / Stop / Reset		X		X
Program Choice		X		X
Device Status / System Fault		X		X
Evaluation (Pass / Fail)		X		X
Parameterisation				X
Measurement Results				X
Detailed Fault Messages				X

Option: Second plug-in board with 8 free programmable outputs

**Power supply and power consumption** 90 - 260 V AC, 50/60 Hz, 45 W, alternative: 20 - 30 V DC, 45 W

**Compressed air supply** 1 bar above test pressure, but at least 5,5 bar (ISO 8573-1)

**Pneumatic connections** Input (compressed air supply) : 6 x 1 mm slide-on receptacle  
Port for test part : fitting for 6 x 1 mm polyamid tubes

**Advice** The use of fittings from Camozzi is recommended.

**Maintenance recommendation** The CETATEST 710 has a build-in cycle counter. If this counter exceeds the preset value, which has been set by CETA before delivery of the device, the test device gives a maintenance warning. This warning should be seen as a recommendation to ensure the proper function of the test device. The preset value can be changed by the CETA Service.

**Weight** Approximately 9 kg

**Included in delivery** Special packing, power cord, user manual, declaration of conformity (CE), calibration certificate, D-Sub-plug including cable for inputs- and outputs (PLC-communication)

**Accessories (optional)** Application software CETA Soft, filter combination, standard leak, master jets, leaktight 3/2-way-valve, CETA accessories catalogue

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