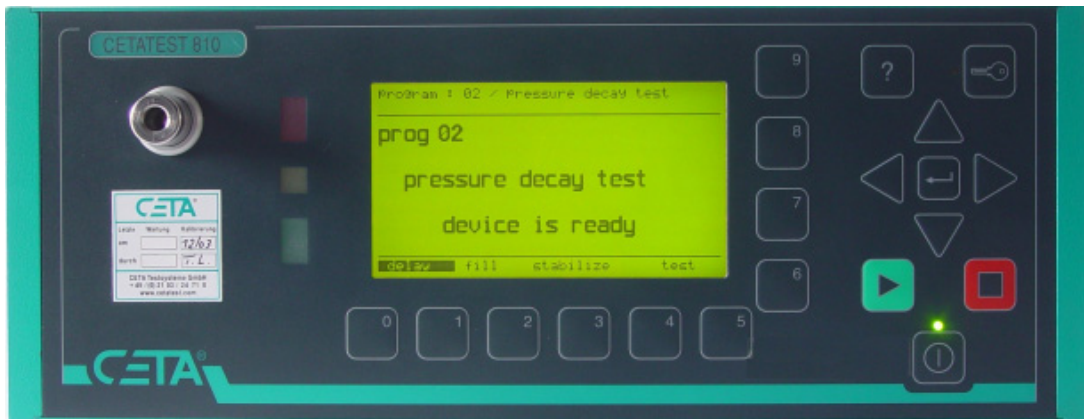
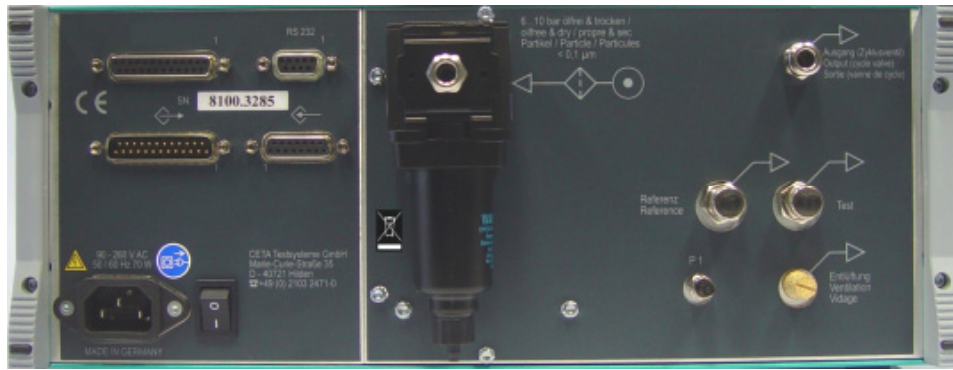


Leak Detector CETATEST 810



Operating principle	The CETATEST 810 is a full automatically working leak detector for the detection of untight parts within the cycle time of the production process. The pressure in the test part volume is compared with the pressure in a tight reference volume.
Sequence controller	Multi-microcontroller system
Differential pressure transducer	Piezo-resistive differential pressure transducer
Test pressure sensor	Piezo-resistive gage pressure sensor
Measurement range and resolution	400 Pa in 1-Pascal-steps, 4.000 Pa in 3-Pascal-steps, other ranges on request
ΔP-Offset	± 20 Pa zero point shift
Result units	Pa, Pa/s, ml/min, ml/h
Test mode	Pressure loss, test of closed components (option), dynamic pressure (option), pressure steps (option, not available for negative gage pressure range), prefill (option), volume measurement (option)
Control and security systems	Temperature compensation (option), Patented automatic function control (option), Still-Alive-Check of the differential pressure sensor
Electronically regulated test pressure ranges	Negative gage pressure (-0,8 bar), 200 mbar, 1 bar, 6 bar, 9 bar, 10 bar, 16 bar, 30 bar, negative gage pressure and positive gage pressure ranges can be combined (e.g. -1 bar / +1 bar), other pressure ranges on request Mechanical pressure regulator on request
Alphanumeric display	LC display (240 x 128 Pixel)
Programmable test parameter	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)
Functionality	Simple, flexible menus with copy function
Parameter Memory	64 test programs
Parameter Storage	Entered data remain stored without line voltage (up to 10 years).
Access Control	By means of a four digit code number (can be deactivated)
Pass and fail counter	Per program
Acknowledge-Reset	Switchable
Evaluation	Pass indicator (green), fault indicator (yellow), fail indicator (red)

Leak Detector CETATEST 810



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

Interfaces	Input and Output	8 digital I/O (Standard)	RS 232 (Standard)	Profibus DP (Option)
	Start / Stop / Reset	X	X	X
Program Choice	X	X	X	X
Device Status / System Fault	X	X	X	X
Evaluation (Pass / Fail)	X	X	X	X
Parameterisation			X	X
Measurement Results			X	X
Detailed Fault Messages			X	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 810 has a build-in cycle counter. If this counter exceeds the preset value (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 10,5 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)

DKD-Calibration and DKD-Certificate New CETATEST 810 (pressure range -1 to 17 bar, 400 Pa measurement range) are delivered with DKD-certificate without extra costs.
[DKD = Deutscher Kalibrierdienst = German Calibration Service]

Accessories (optional) Application software CETA Soft, filter combination, standard leak, leaktight 3/2-way-valve, more in the CETA accessories catalogue

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