



Operating principle	The CETATEST 810 HP-PR in the variant high pressure can be used for leak tests (e.g. injection valves) up to a test pressure of 300 bar using the test mode pressure rise. To this purpose the primary circuit can be pressurized with the test pressure up to 300 bar. The leakage test is performed in the secondary circuit.
Two channel operation	As option available
Valve type	Seat valve (primary circuit), sliding valve (secondary circuit)
Sequence controller	Multi-microcontroller system
Differential pressure transducer	Piezo-resistive differential pressure transducer (in secondary circuit)
Test pressure sensors	Piezo-resistive gage pressure sensor (in primary and secondary circuit)
Measurement range	± 400 Pa (resolution: 1 Pa), ± 4.000 Pa (resolution: 3 Pa) other ranges on request
Δp-Offset	± 20 Pa zero point shift
Result units	Pa, Pa/s, ml/min, ml/h
Test mode	Pressure rise
Control systems	Still-Alive-Check, overflow valves
Test pressure ranges	Primary range: 300 bar (mechanical controlled) Secondary range: 100 mbar (mechanical controlled), other ranges on request
Alphanumeric display	LC display (240 x 128 Pixel)
Programmable test parameter	Primary- and secondary pressure circuit: target pressures, pressure limit value, delay time, fill time, stabilization time, measurement time, dp-limit value, exhaust time, reject level, rework level
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 Tester CETATEST 810 HP - PR



Module-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
Program Choice		X	X	X
Device Status / System Fault		X	X	X
Evaluation (Pass / Fail)		X	X	X
Parameterization			X	X
Measurement Results			X	X
Detailed Fault Messages			X	X

Electrical data 90 - 260 V AC, 50/60 Hz, 45 W, alternative: 20 - 30 V DC, 45 W

Compressed air at least 6 bar (ISO 8573-1) for control functions

Pneumatic connection Input (compressed air supply): female connector external-Ø 6 mm
High pressure-in- and output: Swagelok-fitting external-Ø 6 mm

Maintenance recommendation The CETATEST 810 High Pressure – Pressure Rise 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.

Weight Approx. 20 kg (for one channel version), approx. 30 kg (for two channel version)

Included in delivery Special packing, power cord, user manual, declaration of conformity (CE), calibration certificate, connecting cable

CETA Testsysteme GmbH
Marie-Curie-Straße 35-37
40721 Hilden
GERMANY

Tel.: +49 (0) 2103 / 2471 - 75
 Fax: +49 (0) 2103 / 2471 - 76
 E-Mail: sales@cetatest.com
 Internet: www.cetatest.com