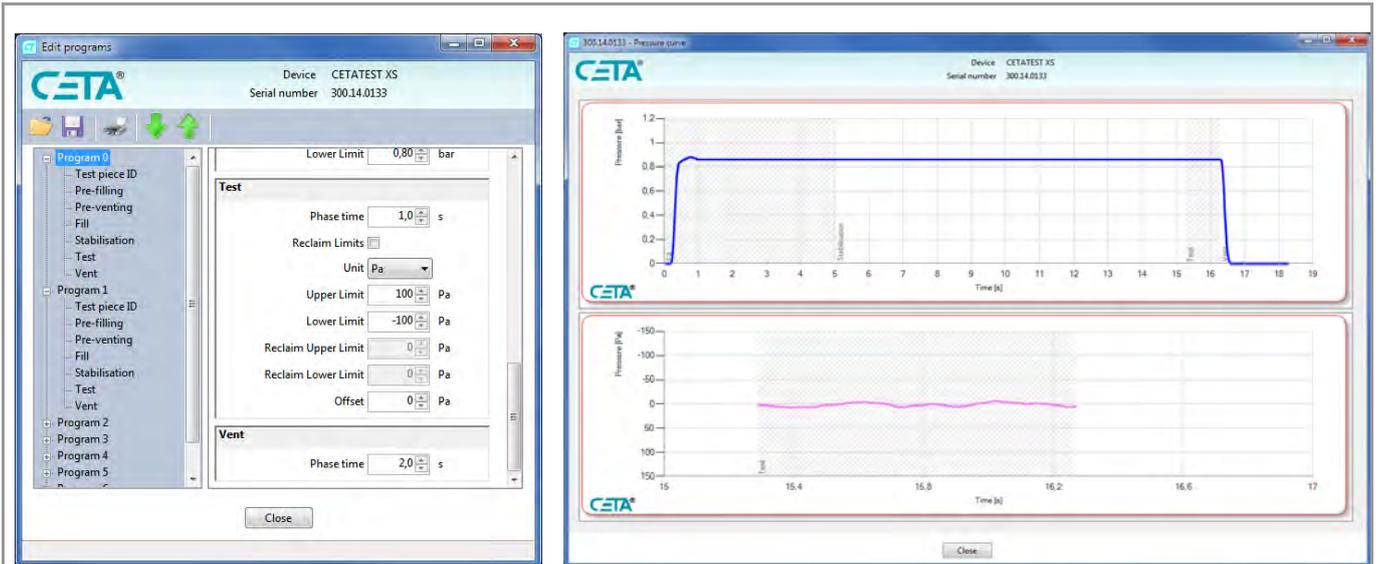


Leak Tester CETATEST XS



| | |
|---------------------------------------|--|
| Operating principle | The CETATEST XS is a compact, cost-effective and fully automatic working leak tester for the detection of leaking parts within the cycle time of the production process. The leak tester uses a gauge pressure sensor for the measurement of the pressure decay caused by the leakage in the test part (relative pressure method). |
| Operating method | One-channel operation |
| Signal processing | 24-Bit-A/D-Converter |
| Valve type | Multi-function block |
| Sensor | Relative pressure sensor |
| Measurement range | $\pm 2,500$ Pa; $\pm 9,999$ Pa / ± 25.0 hPa; ± 99.9 hPa depending on the fill pressure |
| Result units | Pa, hPa (pressure decay) bar (test pressure) |
| Available fill pressure ranges | Internal electronically regulated: 0.010 - 0.200 bar; 0.020 - 1.000 bar; 0.20 - 8.00 bar External fill pressure regulation as option |
| Test mode | Pressure decay measurement |
| Further test phases | Smooth filling (pressure ramp), prefilling, preventing |
| Programmable test phases | Application-specific configuration |
| Test mode specific limits | Fill pressure, test part specific reject and rework levels |
| Handling | Digital I/O or by PC software, remote control (optional) |
| Parameter Memory | 8 test programs, parameterising via CETA PC software |
| Languages PC software | German, English, Spanish, French, Turkish, Hungarian, Vietnamese, Czech |
| Result memory | For the last 20,000 results |

Leak Tester CETATEST XS



Interfaces

| Function | Digital I/O (Standard) | RS-232 (ASCII) | USB-Slave (via CETA PC software) |
|------------------------------|------------------------|-------------------|----------------------------------|
| Start / Stop | X | | X |
| Program selection | X | | X |
| Device status / System fault | X | | X |
| Evaluation (Pass / Fail) | X | X | X |
| Measurement results | | X | X |
| Parameter output | | X for each result | X retrievable |
| Parameterisation | | | X |

Power supply and power consumption

Test device: 24 VDC, max. 20 W
 External power supply: Input 100-240 VAC/47-63 Hz/1.62-0.72 A
 Output 24 VDC, max. 2.62 A max

Compressed air supply

At least 2 bar resp. 1 bar above test pressure, ISO 8573-1:2010 [1:4:1]

Pneumatic connections

Input (compressed air supply): 6 x 1 mm fitting
 Port for test part: 6 x 1 mm fitting

Dimensions

Width: 280 mm, Height: 90 mm, Depth: 250 mm

Weight

approximately 4.5 kg incl. external power supply

Scope of delivery

External power supply, USB-cable, documentation and PC-software on CD, calibration certificate, declaration of conformity, D-Sub-plug including cable for inputs and outputs (PLC-communication)

Warranty

3 years in case of yearly maintenance, optional prolongation to 5 years

Accessories (optional)

Remote control, standard leak, result label printer, filter combination more in the CETA accessories catalogue.

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 Internet: www.cetatest.com

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