



One impulse for all ...

ISOTEST act P2

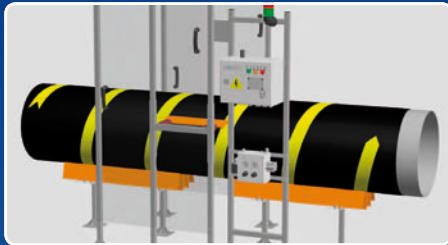
... Porosity testing of FBE and PE / PP coatings with a single device

- Testing according to DIN 30670
- Testing of dirty, damp and even slightly conductive pipe coatings
- No static charging
- Up to 6 test channels - synchronisation of several devices (master / slave mode)
- "Phantom-Grounding" – no direct grounding necessary
- External switch-on / switch-off of the test voltage
- Adjustable sensitivity and filter functions

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Application

FBE and 3 layer PE / PP pipe coatings can reliably be tested for pores or other damage.



All ISOTEST® holiday detectors have undergone extensive tests in the field of safety and EMC. They all carry the CE label and fulfil the requirements of all relevant standards and specifications (DIN EN / ISO / DVGW etc.)



You can count on ...

- a compact "all-in-one" device (control unit and high voltage generator in a single compact housing)
- continuous operation (three shifts)
- porosity / leak testing of all non or slightly conductive materials
- external switch-on / switch-off of the test voltage
- increased operator safety – thanks to the combination of impulse voltage and smart power control
- stable test voltage, even under demanding conditions, guaranteed by load-dependent regulation of energy
- high testing speeds made possible by optimised pulse repetition frequency
- the detection and display of even the smallest pores and voids by the integral evaluation process – with minimal material stress
- electrostatic charges, which are a latent risk for DC devices, are excluded by the use of impulse technology
- testing of fully coated test objects – even without direct ground – rendered possible by the option of "Phantom-Grounding" (only possible with impulse voltage)

Technical data

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|---------------------------------|---|
| Test voltage | 2.5 kV / 3.0 kV / 3.5 kV / 4.0 kV / 15.0 kV / 20.0 kV / 25.0 kV further test voltages on request |
| Test channels | up to 6 test channels (master / slave mode) |
| Voltage supply | 100 – 240 VAC / 47 – 63 Hz (wide-range input) or 90 – 375 VDC |
| Power supply (load-dependent) | < 100 W |
| Inputs | external activation of the test voltage via switch contact or 24 VDC |
| Outputs | floating change-over for pore alarm floating change-over for operational monitoring |
| Operating time | three shifts |
| Testing speed | up to 300 mm/s |
| Regulation of the test voltage | load-dependent adaptation (continuous) |
| Load adaptation | selectable filter settings for optimum adaptation to individual test conditions |
| Indication of porosity | visual signal on the display potential-free contact for external signalling units |
| Further display options | pore counter multilingual menu indication of the test duration (current and total) indication of the next scheduled service date |
| Permissible ambient temperature | 0° C ... +50° C (thermal constant > 10 K/h) |
| Air humidity | max. 60 % relative air humidity at 30° C |
| Scope of supply | in-plant holiday detector ISOTEST act P2 high-voltage cable works / calibration certificate operation manual |

Revisions in the course of technical progress reserved.

