

THE BUBBLE POINT INTEGRITY TESTERS



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YOUR COMPETENT PARTNER IN FILTER INTEGRITY TESTING

The Bubble Point Integrity Testers "it-BP-HP" and "it-BP-LP"

PRODUCT DESCRIPTION



The Bubble Point Integrity Testers "it-BP-HP" and "it-BP-LP" are designed for Bubble Point tests on wire mesh filters, sintered filters, ceramic filters and on some other specific membrane filters. The quality of filter materials can be easily checked and compared by using the simple bubble point measuring method.

All results are shown on the digital waterproof panel on its front door after a test.



The Bubble Point Integrity Testers "it-BP-HP" and "it-BP-HP" were developed to test filters in different measuring ranges from **20 mbar to 7500 mbar**:

"IT-BP-LP"
(Measuring range: 20-500 mbar)

"IT-BP-HP"
(Measuring range: 400-7500 mbar)

TEST CAPABILITIES



The bubble point test



TEST TIME MAINLY DEPENDS ON THE VOLUME OF THE FILTER HOUSING. FOR SMALL 50 MM FILTERS THE TEST TIME IS APPROX.: 1-2 MIN.

The Bubble Point Integrity Testers "it-BP-HP" and "it-BP-LP"

BENEFITS



- Compact design.
- Lightweight.
- Splash protected cabinet.
- User-friendly handling that requires minimal training of operators.
- Easy to use.
- High accuracy and reliability of measurements.
- Test results are shown on the display.
- High reliability of the instrument guarantees its long operation.



CALIBRATION, MAINTENANCE AND QUALIFICATION



For the first time the sensors and the pressure control system must be checked and calibrated after half a year of their usage then only once a year.

For maintenance and calibration the instrument must be sent back to the manufacturer.

All necessary measuring devices are calibrated and certified by DKD (Deutscher-Kalibrier-Dienst).

A regular control of all calibration devices is guaranteed.



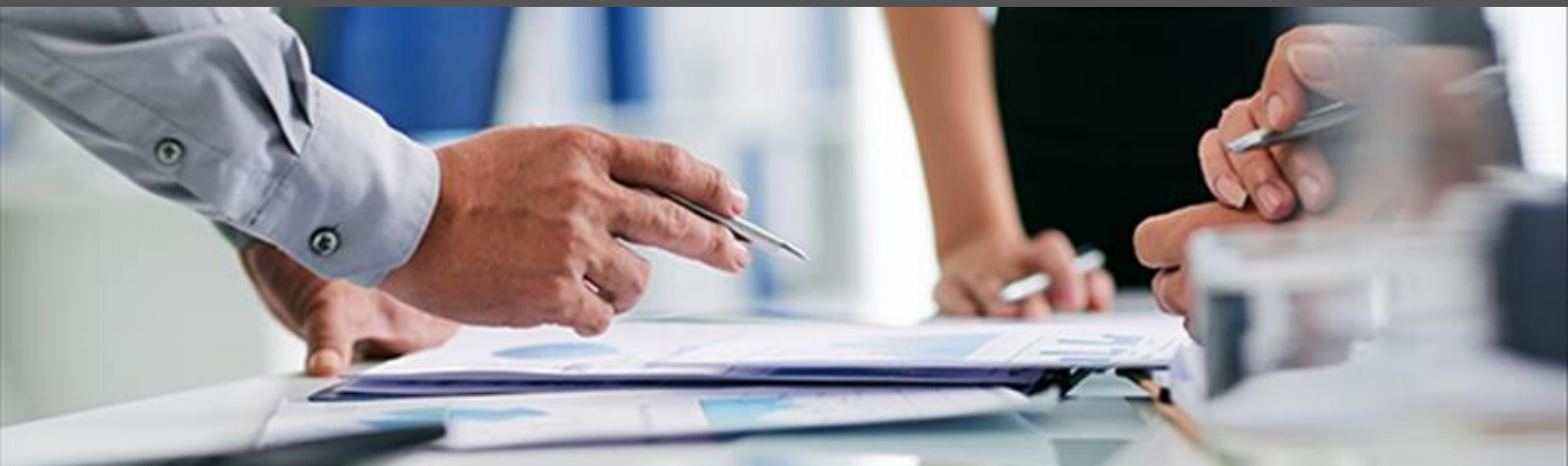
The Bubble Point integrity Testers "it-BP-HP" and "it-BP-LP"


SPECIFICATIONS

| | |
|--|---|
| Cabinet material: | die-cast aluminium |
| Cabinet dimensions: (without and holder and connected parts) | 200x230x110 (BxHxT) |
| Weight: | 5,2 kg |
| Protection class: | IP 55 |
| External power supply: | medical mains adapter 100-240V |
| Low voltage instrument: | 12V/0,5A |
| Pneumatic connector: | Stäubli RBE 03/stainless steel1.4301 |
| Digital pressure display: Resolution of measurement: | SUNX 0-1bar or 0-10bar 1 mbar - LP-Version 10 mbar - HP-Version |
| Test capabilities: | The Bubble Point test |
| Bubble point measurement range it-01-BP-LP | 20- 500 mbar |
| Bubble point measurement range it-01-BP-HP | 400 -7500 mbar |
| Environment temperature: | 15- 30°C |
| Storage temperature: | 2- 50°C |
| Rel. humidity: | 0-80% |
| Test gas: | compressed oil-free air or nitrogen |
| Line pressure: | 1-8 bar (depending on the instrument type) |



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