



## Description

**AEB INTEGRITY TEST** is an innovative automatic test to **verify the integrity of membrane filters** used in the food and beverage industry.

## APPLICATIONS

AEB INTEGRITY TEST can be used to **test membranes** placed in housing with volumes from **0.025 to 999 liters**.

It is used for:

- **measuring the integrity test of the cartridges in use**
- **the membrane pressure maintenance test**
- **validation of the membranes.**

## ADVANTAGES

- **Complete automation** of the integrity test procedure
- **Automatic calibration** of test pressure
- **Automatic pressure** maintenance test
- **Automatic discharge** of the pressure in the housing at the end of the test
- Possibility of **performing 19 different test routines and storing up to 200 tests**
- **Certification** of the test by issuing a receipt.

## TECHNICAL SPECIFICATIONS

### Languages

- Available languages: German, English, French, Spanish, Italian, Portuguese.
- Instruction manual languages: English, German

## Technical features

|                                           |                                                                                                                                                                                                                                                                           |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions                                | 300x250x130 mm approx                                                                                                                                                                                                                                                     |
| Pressure measure range                    | 0-4500 mbar                                                                                                                                                                                                                                                               |
| Overpressure alarm with automatic venting | A 8.000 mbar                                                                                                                                                                                                                                                              |
| Test pressure measurement tolerance       | Max 0,2% (referred to the total of the measurement range)                                                                                                                                                                                                                 |
| Operating temperature range               | 0-40°C                                                                                                                                                                                                                                                                    |
| Battery charging time                     | 8 hours                                                                                                                                                                                                                                                                   |
| Adapters and connectors                   | Main power adapters that can be used in Europe, UK, USA and Australia;<br>Interface cable;<br>4/6 mm gas connection and supply tubes with Stäubli male and female connectors.<br>Back up and data processing included in WinFilter software (with memory full indicator). |
| Power supply                              | 100-240V AC                                                                                                                                                                                                                                                               |



## Components

- Graphic display
- Stainless steel pressure connector
- Connector for compressed air Stäubli male RBE03
- Connector for Stäubli filter female RBE03
- Integrated printer with 57 mm wide paper roll
- Infrared sensor for connection to keyboard
- White gray instrument housing made of ABS material (UL94HB) and polycarbonate



## Packaging

Case: polyethylene plastic case with soft bag for transport and storage

Packaging: cardboard box

Approximate dimensions: 680x350x550 mm

Approximate total weight: 11.400 g