

## BEATEST PLUS Portable Integrity Test Unit

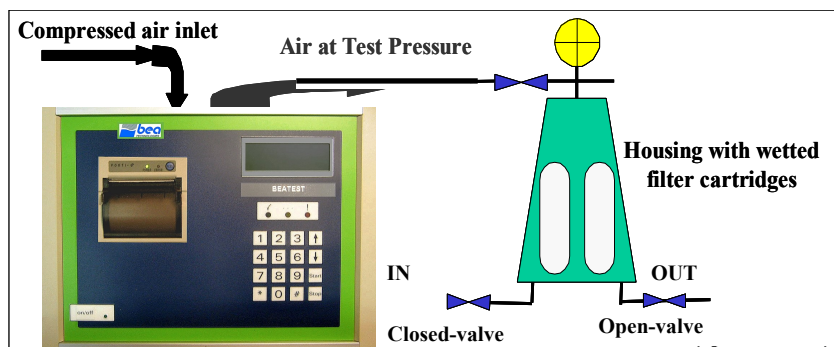
BeaTest Plus is a portable device that using the Pressure Decay method checks the integrity of a membrane filter system.

BeaTest is designed to be a reliable and user friendly device for testing filter installation equipped up to 50 cartridges with pore size in the range  $0.1 \mu\text{m} \div 1.0 \mu\text{m}$ .

The device, battery equipped, does not require electrical supply and can store many test programs and test results; the results can be printed out on site.

### BENEFITS

- Automatic pressurization of the system, stabilization and measuring operations
- Multilanguage dynamic instruction available
- Quick Start Procedure allows the automatic execution of a selected test procedure by pressing one single button
- The device can store up to 19 test programs and 100 results
- Windows® based software link for back-up operations



ID-Code: 10  
 Date (dd.mm.yy): 03/03/2006  
 Time: 10.07.00  
 User code: 1971  
 Test program: 18  
 Filter type: TSP-2071-ZM  
 Filter serial n.º: 12  
 Fluid type: water  
 Housing: PBC  
 Results: pass

**Parameters**  
 N. of cartridges: 1  
 Pore size:  $0.65 \mu\text{m}$   
 Upstream volume: 1700,00 ml  
 Pressure drop/m: 11.8 mbar/min  
 Diff. rate/cart.: 20.00 ml/min  
 Test pressure: 1100,0 mbar  
 Stab. Time: 60.00 sec  
 Test time: 60.00 sec

**Results**  
 Atmosph. Pressure: 1000.0 mbar  
 Act. press. drop: 0.0 mbar  
 Act. press. drop/n: 0.0 mbar/min  
 Total diff. rate: 0.0 ml/min  
 Act. test press.: 1100.0 mbar  
 Act. stab. time: 61.00 sec  
 Act. test. time: 60.00 sec

**PRINT OUT EXAMPLE**

## SPECIFICATIONS

### Electricals

*Power supply and battery charger:* 230V AC/18 V DC 1.7 A; charger for USA available  
*Recharging time:* 3 hours  
*Battery autonomy:* 8 hours on continuous operation  
*Memory:* 3 months with the instrument switched off

### Enviromental conditions

*Temperature range:* 3-50°C (37-122°F)  
*Relative humidity:* 5-95%  
*Protection class:* IP 54 (with printer cover)

### Pneumatics

*Gas inlet:* Staűbli® connector  
*Gas outlet:* Festo male connector  
*Maximum pressure:* 4500 mbar (65 PSI)  
*Measuring range:* 0-3900 mbar (0-56 PSI) with automatic air exhaust  
*Accuracy:* 0.2% (constant operation temperature during the test)

### Connectors

*Instrument-PC data transfer:* USB 2.0, MINI-USB

### Dimensions and materials

*Dimension:* 315 mm x 280 mm x 150 mm (12.4" x 11,0" x 5.9")  
*Weight:* 3,9 kg (8.6 lbs)  
*Case material:* Polystyrene

### THE BEATEST PLUS KIT INCLUDES:

- BeaTest PLUS device
- Battery charger
- Protective suitcase
- One cable interface for PC data transfer
- One international AC adapter
- WINFILTER™ software for PC interface
- One roll of paper
- Manual

## BEATEST PLUS ORDERING INFORMATION

DUO - FS3 - 00

SISTEM TYPE	CODE
Automatic system	FS3

CODE	VERSION
00	European Version 220 v
10	USA Version 110 V

Data contained in this bulletin are informative and subject to change without notice.  
User is responsible for determining whether the product is fit for particular purpose and suitable for User's method of application.

DS-FS3-720-UK-17-A



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