

## BEATEST Portable device for Integrity Test

BeaTest is a portable device designed in a reliable and economical way to check the integrity of the membrane filter systems, using decay pressure test. The stored data can be loaded and printed when linked to any PC.

### USER FRIENDLY

- Autocheck function
- Touch key board

### PROGRAMS

- Displayed on LCD screen

### PORTABLE

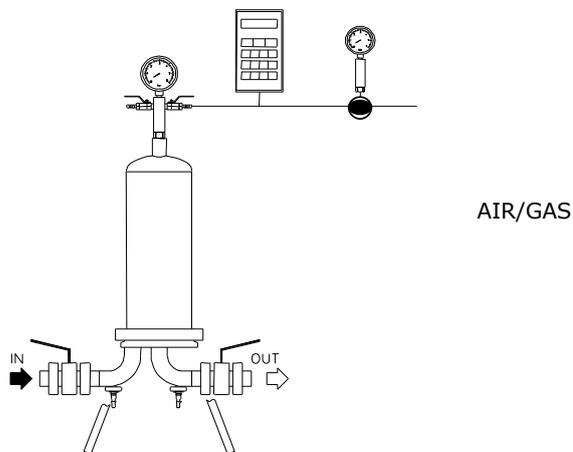
- Lightness
- Palmar size

### VERSATILITY

- Membrane testable in the range 0.1  $\mu\text{m}$  ÷ 1  $\mu\text{m}$
- Preselection of 19 test procedures
- 200 results storage capacity
- Windows® based software for PC link

### EASY INSTALLATION

- Compressed air line is the only need to perform on site test.



**INSTALLATION LAYOUT**



#### DEVICE DATA

Device Name:	FILTERTEST 1
Device Software Version:	3,080
Serial Number:	Bea Technologies

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

#### Parameters

N. of cartridges:	5
Pore size:	0.45 $\mu\text{m}$
Upstream volume:	20000,00 ml
Pressure drop/m:	12,5 mbar/min
Diff. rate/cart.:	50,00 ml/min
Test pressure:	2100,0 mbar
Stab. Time:	60,00 sec
Test time:	180,00 sec

#### Results

Atmosph. Pressure:	1000.0 mbar
Act. press. drop:	6,5 mbar
Act. press. drop/n:	2,2 mbar/min
Total diff. rate:	43,32 ml/min
Act. test press.:	1700,0 mbar
Act. stab. time:	2,00 sec
Act. test. time:	180,00 sec

**PRINT OUT EXAMPLE**

## SPECIFICATIONS

### Electricals

Power supply and battery charger: 220 V / 7.5 V, 200 mA  
Battery: 1 NiMH ACCU. BLOCK 4.8 V  
Recharging time: 5 hours  
Autonomy: 7 ÷ 12 hours depending from test method  
Memory: 4 months

### Environmental conditions

Temperature range: 3-50°C (37-122°F)  
Relative humidity: 5-95%  
Protection class: IP 53 (splashproof)

### Pneumatics

Gas inlet: Staübli® male connector  
Maximum pressure: 4500 mbar (65 PSI)  
Measuring range: 0-4000 mbar (0-58 PSI) with automatic air exhaust  
Accuracy: 0.2% (constant operation temperature during the test)

### Connectors

Link BeaTest-PC: 4 pole jack

### Dimensions and materials

Dimension: 210 mm x 45 mm x 105 mm (8.3" x 1.8" x 4.1")  
Weight: 520 g (1.1 lbs)  
Case Material: ABS

### KIT BEATEST

- BeaTest device
- Protective suitcase
- Battery charger
- Interface cable for PC link
- International AC adapter
- WINFILTER™ software for PC interface
- Manual

## BEATEST ORDERING INFORMATION

**DUO - FS1 - D - 00**

CODE	VERSION
00	European Version 220/230V
10	USA Version 110 V

DS-FS1-726-UK-17-A

The data 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.

## Bea Technologies Spa

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