BEVCHECK & BEVCHECK PLUS

Monitoring performance and product quality



BEVCHECK
Simple routine integrity testing for the beverage industry BEVCHECK is an easy to use, portable unit that allows you to test the integrity of your membrane filters using the pressure decay method. Test data can be reported as pressure decay or diffusional flow.

BEVCHECK is a small hand held unit, or is light enough to be mounted directly on to a connection on the filter housing. Software included with the unit enables it to be connected to a pc for enhanced programming and data handling flexibility.

BEVCHECK PLUS
Provides an automated method for testing membrane filter cartridges used in beverage applications. Using the pressure decay method, the unit controls the whole test from increase of pressure, through stabilisation and pressure decay measurement, to release of pressure.

Test data can be reported as pressure decay or diffusional flow and is provided in a printed summary. The unit is small enough to be portable around the production facility, or can be positioned centrally for remote connection to the filter housings.



- Large memory stores up to 19 programs and 100 test reports
- Flexible - suitable for use with compressed air or nitrogen
- Accommodates a wide range of filter retention ratings and housing sizes
- Clear liquid crystal display and wipe clean keypad
- Self test function automatically checks the function of the unit
- PC interface and software provides additional programming and data handling flexibility
- IP53 protection class
- Hand held portability with rechargeable battery operation
- Convenient built-in printer provides printed test report (PLUS)



Physical Parameters

	BEVCHECK	BEVCHECK PLUS
Housing Material	ABS	Polystyrol
Instrument Size	(WxDxH) 105 mm x 210 mm x 45 mm (4¨ x 8.25¨ x 1.75¨)	(WxDxH) 315 mm x 280 mm x 150 mm (12.5¨x 11¨ x 6¨)
Weight	0.5 Kg (1.1 lbs)	3.9 Kg (8.6 lbs)
Ingress Protection Class	IP53	IP53
Power Supply	Re-Chargeable HiMH Battery (4.8 V / 1.5 Ah) & External Charger (100- 230V AC / 47 - 63 Hz / 7.5V 1.33A)	HiMH Battery (4.8 V / 1.5 Ah) & External Charger / Mains (230V AC:18V DC, 1.7A / 230V AC:15V AC, 15VA)
Battery Life (From Full Charge)	7 hours Typ.	2 hours Typ.
Keyboard	16 Key - Polycarbonate Keypad	16 Key - Polycarbonate Keypad
Inlet Pressure Required	0 - 4000 mbar	0 - 4500 mbar
Operation Temperature	3 - 33 °C (37.4 - 91.4 °F)	3 - 30 °C (37.4 - 95 °F)
Pneumatic Connectors	Compressed Air / Filter : Rectus 21 Male	Compressed Air / Filter : Festo 4 mm Stäubi RBE03 Male Vent : Festo 4 mm
Storage Temperature	3 - 35 °C (37.4 - 95 °F)	3 - 35 °C (37.4 - 86 °F)
Ambient Humidity	5 - 95% Rel.	5 - 95% Rel.
Display	LCD - 16 Character x 2 Lines	LCD - 20 Character x 4 Lines
Printer	None	Built in Thermal Printer - 57 mm Printer
Language	English, German, Italian, French, Spanish & Portugese	English, German, Italian, French, Spanish & Portugese
Storable Test Programs	19	19
Storable Test Records	100	100
Test Pressure Control	Manual (Additional Accessory Kit Required)	Fully Automatic
Test Pressure Range	0 - 4000 mbar	0 - 3900 mbar
Housing Volume Range	10 - 999999 ml	10 - 999999 ml
Diffusional Flow Range	1 - 99.9 ml / min	1 - 999.9 ml / min
Stabilisation Time Range	1 - 1800 secs	1 - 1800 secs
Test Time Range	1 - 1800 secs	1 - 1800 secs
Interfaces	PC Data / Remote Operation : RS232 4-Pole Jack	D-Sub 25 Pole PC Data / Remote Operation : RS232 9-Digit Male
Documentation / Ancillaries	CE Declaration of Conformity Calibration Certificate Winfilter PC Software Power Supply / Charger with Country Specific Mains Adaptor PC Comms Cable (RS232 - 4 Pole Jack to 9 Pin Male) Installation, Operation & Maintenance Instructions (IOMI) Foam Lined Carry Case	CE Declaration of Conformity Calibration Certificate Winfilter PC Software Power Supply / Charger with Country Specific Mains Adaptor PC Comms Cable (RS232 - 4 Pole Jack to 9 Pin Male) Installation, Operation & Maintenance Instructions (IOMI) Foam Lined Carry Case

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