

# INTEGRITY TEST INSTRUMENTS

## CF 7.2 INTEGRITY TEST

### SIMPLE, EASY-TO-USE, ACCURATE INTEGRITY TESTING: BASIC, MANUAL, AND ENHANCED BUBBLE POINT, AUTOMATED DIFFUSION FLOW, WATER INTRUSION, AND PRESSURE DECAY

The Cobetter® CF 7.2 Integrity Test Instrument enables efficient, accurate integrity testing of absolute-rated PTFE, PES, PVDF, and Nylon 66 filters.

The menu-driven color HD 7" touchscreen allows for easy selection of testing parameters. Advanced digital sensors and dual core CPU ensure high speed, stable, efficient, safe, and stable operation.



FEATURE	BENEFIT
<b>Multiple Integrity Test Methods</b>	Performs multiple integrity test methods with one device, including: Basic, and Enhanced Bubble Point, Manual Bubble Point, automated Diffusion Flow Test, Water Intrusion Test, and Pressure Decay Test.
<b>Advanced digital sensors, hardware, and software</b>	Efficient, stable testing
	Automatic generation of analysis reports
	User classification functions, electronic signature, and advanced features help ensure error-free analysis
<b>Integrated printer</b>	Provides easy printing of testing parameters and results

### INTEGRITY TEST METHODS

- Basic Bubble Point
- Enhanced Bubble Point
- Manual Bubble Point
- Diffusion Flow Test
- Water Intrusion Test
- Pressure Decay Test

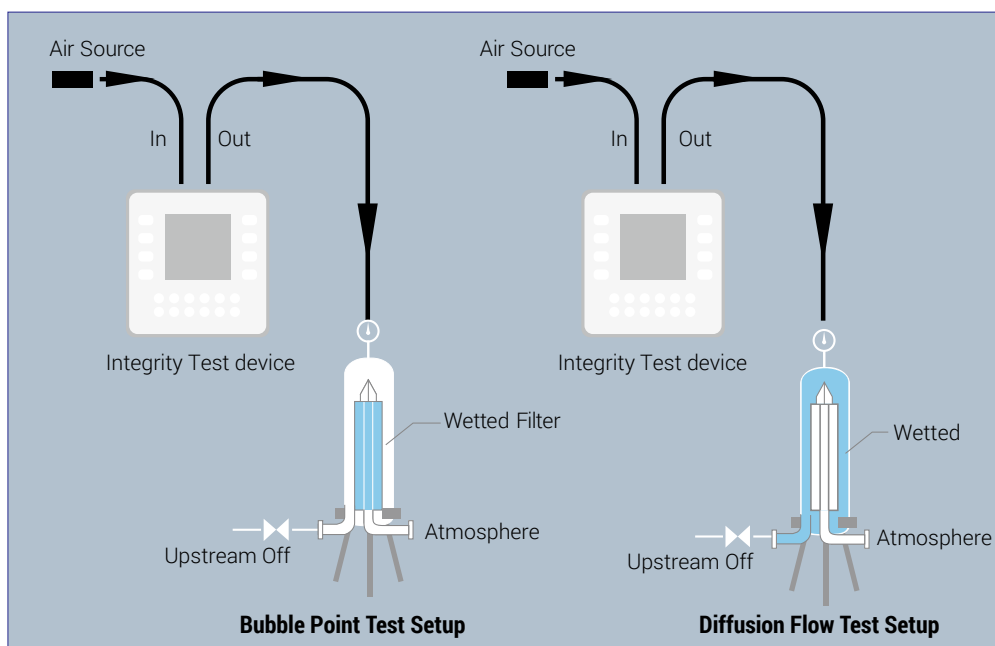
SPECIFICATIONS	
<b>Testing methods</b>	Basic Bubble Point, Enhanced Bubble Point, Manual Bubble Point, Diffusion Flow Test, Water Intrusion Test, Pressure Decay Test
<b>Testing accuracy</b>	Net-volume testing $\pm 2\%$ ; Bubble point: $\pm 25$ mbar (0.4 psi); Diffusion Flow: $\pm 2\%$
<b>Testing time</b>	Net-Volume Testing: 4 min $\pm 2$ min    Diffusion Flow: 8 min $\pm 2$ min Basic Bubble Point: 10 min $\pm 2$ min    Enhanced Bubble Point: 15 min $\pm 2$ min Water Intrusion Test: Set time $\pm 2$ min
<b>Max. operating pressure</b>	10000 mbar (150 psi)
<b>Min. intake pressure</b>	100 mbar (1.5 psi)
<b>Testing range</b>	100 - 8000 mbar
<b>Operating conditions</b>	Ambient Temperature: $+5^{\circ}\text{C}$ to $40^{\circ}\text{C}$ Relative Humidity: 10-80%

<b>Required power supply</b>	100-240 VAC, 50/60 Hz, 120W
<b>Printer</b>	Line printing of testing parameters and results, manual/automatic print
<b>Data storage</b>	Accepts SD Cards and U-Disks to export data
<b>Display screen</b>	HD 7 inch color touchscreen
<b>Signal interface</b>	USB, RS232, serial port
<b>Languages</b>	English and Chinese
<b>Dimensions</b>	Width: 450 mm (17.7") Depth: 280 mm (11") Height: 190 mm (7.5")

### FDA REQUIRES INTEGRITY TESTING OF STERILIZATION GRADE

The FDA requires integrity testing of sterilization grade filters. The Cobetter CF7.2 Integrity Test Instrument's design is based on the Good Automated Manufacturing Practice (GAMP) requirements and in accordance with Good Manufacturing Practice (GMP) guidelines.

### TESTING CONNECTION DIAGRAM SAMPLES



### ORDERING INFORMATION

PART NUMBER: **CF7.2-E**

Cobetter Integrity Test Instrument CF7.2 English Version Containing Integrity Test Unit, Power Adaptor 100-240V with Type B Plug (American Standard NEMA5-15), Data Card, Pneumatic Hoses X2, Exhaust Valve, Printer Paper, Manual, and Unit Certification



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