

Filter integrity testing



Sartocheck 3 is a fully automatic, microprocessor-controlled integrity tester to check the integrity of membrane filter systems. They measure the following upstream integrity values:

- Diffusion test
- Bubble Point test
- Diffusion and Bubble Point test
- Water Intrusion test | Water Flow test
- Pressure Drop test
- Multipoint Diffusion test

All the test relevant data and parameter are printed on the hard copy, including:

- Product, product lot, used filter cartridge(s)
- Wetting agent
- Test parameter (test pressure, time, limit values, ...)
- Results, including actual test pressure, net volume, pressure drop, actual test value, evaluation)
- Date and time

The benefits of integrity testing with Sartocheck 3

- Easy to use
- Designed for use in bio-, pharmaceutical production environments
- Reliable and accurate measuring procedure
- Individual selectable password protected programming
- Comprehensive validation guide including
 - IQ and OQ check lists
 - Installation and operating instruction

PC remote control

- Validatable data transfer via PMS interface;
 - operational functions can be driven and monitored on the PC via PMS interface (Process Management System)
 - installation of the WINCHECK software

Technical specifications

Power requirements	85 – 240 V AC, 47 – 440 Hz
Maximum power input	60 watts
Maximum operating pressure	9999 mbar
Internal limit pressure	7000 mbar
Dimensions (W × D × H1 × H2)	460 × 360 × 65 × 126 mm
Weight	11.2 kg
Measuring ranges	
Test pressure	100 – 6000 mbar
Pressure drop	0 – 999 mbar
System inlet volume (with external ref. Vessel)	max. 50,000 ml
Measuring accuracy	
Internal relative pressure	± 12 mbar
Internal test pressure	± 0.2 % full scale
Pressure drop	± 1 mbar
Volume determination	± 4 %
Bubble Point	≤ ± 50 mbar
Operating conditions	
Ambient temperature	+15 °C to + 35 °C
Rel. humidity	10 – 80 %

Sartorius Sartocheck 3

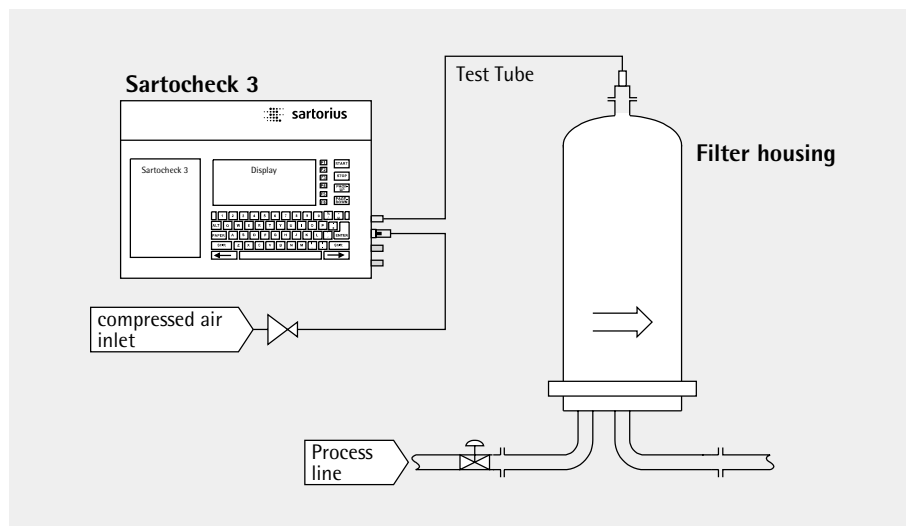
Equipment supplied

Sartocheck 3	16286
Memory Card	83058-000-00
Tubing for compressed gas inlet	18104
Tubing for compressed gas outlet	18103
Ribbon cassette	6982141
Rolls of printer paper	6982142
Test certificate	
Calibration certificate	
Brief instruction	
Installation and operating instructions	
Mains lead (country-specific)	

Accessories

WINCHECK software package	17011---010
WINCHECK interface cable (D-Sub 25/9)	6982148
Memory Card	6982128
Tubing for compressed gas inlet	18104
Tubing for compressed gas outlet	18103
Validation package	16280

Test set-up of integrity testing for membrane filters for liquids



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