

Sartocheck[®] 3 plus



Benefits

- Smart design
- Large colour TFT display
- User-friendly menu structure
- On-screen assistance
- Paper-based result documentation (21CFR part 11 not applicable)
- Up to 250 different test programs to be stored
- Password protected access
- Individual user profiles | rights to be defined
- SD card reader for storing | transferring test programs
- Reliable cleaning of the complete internal pneumatics

Product Information

This unit supports all established integrity test methods and is characterized by its intuitive and easy handling. The Sartocheck[®] 3 plus is not encumbered by the 21 CFR part 11 code as it is a paper based system and does not store test results electronically.

Sartocheck® 3 plus performs the following tests:

- Bubble Point Test
- Diffusion Test
- Bubble Point and Diffusion Test (combined test)
- Pressure Drop Test
- Water Intrusion Test
- Water Flow Test
- Multipoint Diffusion Test

Data Storage

As a pure paper-based system the Sartocheck® 3 plus does not have an electronic result database. However, the system allows to store up to 250 test programs within its internal memory. Test programs can be stored | archived on standard SD cards (Secure Digital memory Card).

Cleaning Function Guarantees Highest Process Security

The cleaning function of Sartocheck® 3 plus allows you to flush all internal pneumatic parts completely. On-screen instructions guide you through all necessary steps. The automatic drying function guarantees that no cleaning liquid remains inside.

Because only stainless steel and PTFE is used for the internal pneumatic parts, the unit can be cleaned even with aggressive cleaning fluids (e.g. 1 M NaOH). This guarantees highest cleaning efficacy and therefore enhances the safety of the integrity testing procedure.



- 1: external reference tank
- 2: Venting 1
- 3: Out
- 4: Venting 2
- 5: In



- 1: main switch
- 2: Service TU
- 3: Service MU

Technical Specifications

Power requirements	100–240 V AC, 50/60 Hz
Max. Power Input	74 watts
Max. operating pressure	9999 mbar 145 psi
Minimum inlet pressure	4000 mbar 58 psi
Dimensions (W × D × H)	460 × 390 × 212 mm
Measuring ranges	
Test pressure	100–8000 mbar 1.5–116 psi
Pressure drop	1–2000 mbar 0.01–29 psi
System inlet volume	
▪ with internal ref. Vessel	9000 ml
▪ with external ref. Vessel	max. 100 l
Measuring accuracy	
Pressure	± 0.1% full scale ± 9.5 mbar
Pressure drop	± 1 mbar
Volume determination	± 4%
Diffusion	± 5%
Water-Intrusion	± 5%
Bubble Point	± 50 mbar ± 0.7 psi
Operating conditions	
Ambient temperature	+15°C to +35°C
Rel. humidity	10–80%
Colour display	
Size	8.4"
Resolution	640 × 480 pixel
Language option	English German French Spanish Italian

Equipment Supplied

Order Number	Description
16290	Sartocheck® 3 plus
18104	Tubing for compressed gas inlet
18103	Tubing for compressed gas outlet
6982141	Ribbon cassette
6982142	Rolls of printer paper
	Test certificate
	Calibration certificate
	Operating Instructions
16290---VP	Validation Package
	Mains lead (country specific)

Accessories

Order Number	Description
26288---CK	Cleaning Kit
16288---RV	Ext. Reference Vessel (10 L)

Sales and Service Contacts

For further contacts, visit
www.sartorius.com

Germany

Sartorius Stedim Biotech GmbH
August-Spindler-Strasse 11
37079 Goettingen
Phone +49 551 308 0

USA

Sartorius Stedim North America Inc.
565 Johnson Avenue
Bohemia, NY 11716
Toll-Free +1 800 368 7178