

Valairdata 4

Integrity Test Unit



Integrity testing of sterile gas filters

Valairdata 4 is the next generation of fully automated, aerosol challenge integrity test unit, designed to test the integrity of sterile gas filters quickly and easily.

The Valairdata 4 aerosol challenge test is fully correlated to aerosolized *B. diminuta*, *B. subtilis* and Bacteriophage MS2 challenges and is a recommended test methodology in the PDA's "Sterilizing Filtration of Gas – Technical Report #40".

The unit utilizes Parker's 50 years of experience in the provision of world leading sterile gas solutions, by further improving the usability and sensitivity of the test process and offers significant savings in operator time.



Features

- A 5.7" TFT LCD touch screen operation
- Multi-language menu availability
- Testing is correlated to bacterial and viral aerosol challenge
- Developed to GAMP 5 guidelines
- Data can be transferred via USB memory stick or printed using the stand alone (optional extra) V4 printer
- Removable battery for easy shipping of unit

Benefits

- Easy to use
- Portable for in-situ testing around the facility
- Quick determination of a filter's ability to sterilize gas - 30 second test time for 10" housing, 5 seconds for discs
- Increased sensitivity compared to liquid based tests, especially on multi-cartridge systems
- No unit specific PC software required



ENGINEERING YOUR SUCCESS.

Valairdata 4

Integrity Test Unit

Specifications

Weight	8 kg
Instrument size	Width: 375 mm Height: 275 mm Depth: 145 mm
Electrical requirement	Battery Operated (Lithium Ion) 14.40V / 6.90Ah / 99.40Wh. Mains Power Supply 100-240 VAC 50/60 Hz.
Laser	Type: Solid state laser diode Power: 24 Volts DC Sample flow rate: 0.1cfm
Aerosol generator	Aerosol generated from Purity™ FG WO White Mineral Oil 15. This product complies with FDA 21 CFR 172.878 "White Mineral Oil" and 21 CFR 178.3620(a) regulations for direct food contact.
CE & UKCA Standards	IEC 61010-1:2010 IEC 61010 - 1:2010/AMD 1:2016 EN 61326-1:2021
Pneumatic requirements	Input Pressure 4.5 to 7 bar(g). Clean dry air or nitrogen. Connection Rectus 21 KA (Supplied).
Packaging	Waterproof and airtight solid case for transportation Padded carry bag for site portability
Languages	English, German, French, Swedish, Italian, Portuguese, Danish and Spanish

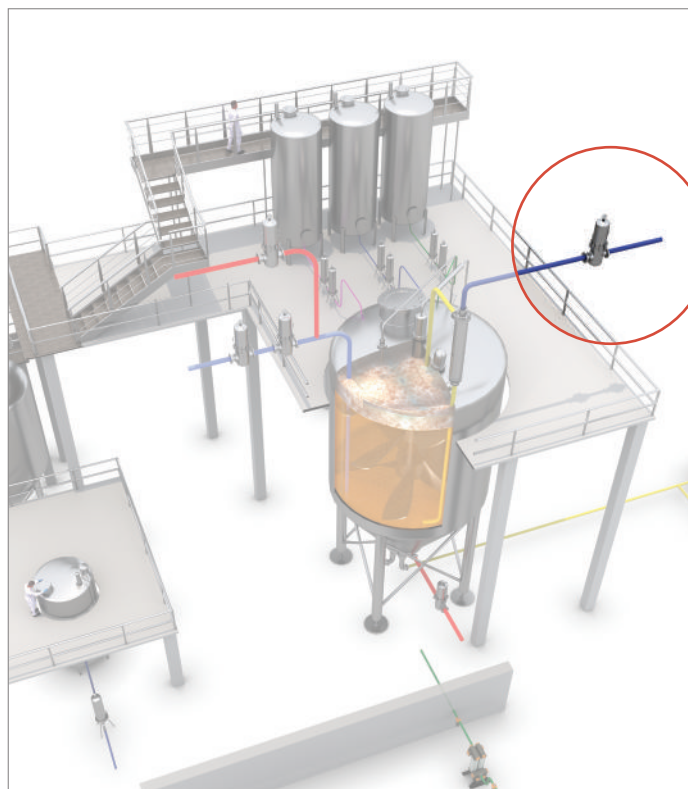
Ordering Information

	Code	Variant
WVA - 4	-	<input type="checkbox"/>
	ST	Standard
	SE	Secure

Calibration code: 609500026

Filtration Stage

Sterile Gas and Vent Filtration



This is an example of a Turbosep vent filter

Instrument Options

Part code	Design environments approvals	Security user levels	Audit trail
WVA-4-ST Standard	GAMP 5	Operator Administrator	No
WVA-4-SE Secure	GAMP 5	Operator - password protected Administrator - password protected	Yes

Optional Items

WVA-4-PTR	Printer package, printer/cable/one roll paper
WVA-4-PAP	Printer paper roll
WVA-4-BAT	Spare battery



EMEA Product Information Centre

Free phone: 00 800 27 27 5374

(from AT, BE, CH, CZ, DE, DK, EE, ES, FI, FR, IE, IL, IS, IT, LU, MT, NL, NO, PL, PT, RU, SE, SK, UK, ZA)

US Product Information Centre

Toll-free number: 1-800-27 27 537

www.parker.com/bioscience