



Bubble-Point™

Filter Integrity Tester

www.lablogic.com



LabLogic

EXPERIENCE & EXPERTISE

A simple to use and compact system which is compatible with most commonly used filters

Ensuring the integrity of sterilising filters

The integrity testing of sterilising filters is a fundamental requirement of critical process filtration applications in the pharmaceutical and PET industries. The ultimate measure of a sterilising filter's performance is bacterial retention.

The most widely used non-destructive integrity test is the bubble point test. The bubble point test exploits the fact that liquid is held in the pores of a filter by surface tension and capillary forces. The minimum pressure required to force liquid out of the pores is a measure of the pore diameter. The bubble point test detects minor filter defects and out-of-size pores and correlates with the bacteria passage test.

The bubble point test is a sensitive visual technique performed routinely as part of the suite of product release tests in PET radiopharmaceutical production centres.



Key features

- Integrated and compact system.
- Compatible with most filters used for critical process filtration applications.
- Luer lock filter connection for ease and speed of connection.
- Simple air line connection mechanism.
- Calibrated reference gauge.
- Easy-clean anodised surfaces.
- Clearly visible water beaker for identification of bubble point.
- Optional leaded acrylic shield for radiation protection.
- Fine pressure adjustment.
- Can be mounted inside a fume cupboard if necessary.

Basic Specifications

Bubble Point Test	0 - 6895 mbar (0 - 100 psi)
Maximum Gas Supply Pressure	6895 mbar (100 psi)
Pressure Gauge Working Temperature Range	-40°C to +60°C (-40°F to +140°F)
Size	310 mm (W) x 250 mm (D) x 430 mm (H)
Weight	3.5 kg (without shield), 6 kg (with shield)

Please refer to the Technical Specification Sheet for further information

Service and Support

Users of our systems can benefit from our comprehensive, fully inclusive service and support.

We can give reassurance that if things go wrong or you need expert advice, help is only an e-mail or phone call away.

Validation Services

Our Validation Service enables you to implement and get maximum value from your investments as soon as possible.

We work as a partner with your Quality Manager, System Manager and users to provide a tailored Validation Plan, suited to your needs. Our Validation Specialists have years of experience in GLP system validation, detailed knowledge of our systems, together with other industry standard systems to help you meet company and regulatory requirements.

Training

LabLogic can provide a variety of training courses and workshops to help you get the most out of your instrument and software.

All training is performed by our expert Product and Support Specialists who have many years experience in the development and use of the instruments and software.

Certificates can be provided to complement your internal GLP training records.

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