

Why Choose MicroGard® II Filters?

Ensuring measurement reliability and patient safety

For the most accurate results and the highest level of protection, we strongly encourage the **exclusive** use of the **MicroGard® II** filter with **Jaeger PFT** systems.



1. Compliance

The MicroGard® II filter is the **only filter validated for use with Jaeger Medical PFT** systems.

If two medical devices are used together, a validation of their combined use is required.¹



2. Software Optimization

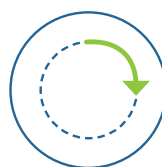
SentrySuite™ software incorporates several correction factors tailored to MicroGard® II filter:

- Dead space correction for accurate lung volume determination.
- Resistance correction for precise airway resistance measurement in Bodyplethysmography & IOS.
- BTPS correction to minimize measurement drift.



3. System Integrity

The Vyntus™ **Ultrasonic Sensor (USS)** and **MicroGard® II** filter form a **single validated measurement chain**.



4. Reprocessing Efficiency

With MicroGard® II, downstream components only require **reprocessing every 6 months**,² reducing workload and costs. Other filters invalidate this extended reprocessing interval.



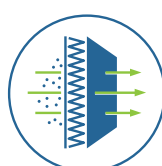
5. Optimal Performance

Balanced **filter efficiency** and **flow resistance** for smooth operation.



6. Low Resistance - Compliant to ATS criteria

Complete breathing circuit (**Filter + USS + FlowPath valve**) has total resistance **<150 Pa/(L/s) @ 14 L/s**, meeting ATS standards.³



7. High Filtration Efficiency

Proven **99.9999% bacterial and viral efficiency** at **30 L/min flow**, protecting against cross-contamination.^{4,5}

Filter Ordering Information:

Email: GMB-US-RDX-CustomerService@jaegerndx.com

Phone: 1-800-231-2466

Part no.	Description	Qty.(cs.)
V-892381	MicroGard® IIB (single filter, integrated oval shaped mouthpiece)	50
V-892384	MicroGard® IIC (single filter, round connector)	50
V-892391	Filter kit (MicroGard® IIB + noseclip)	80
V-892392	Filter kit (MicroGard® IIC + disposable mouthpiece + noseclip)	80



New Capability: Blanket PO Ordering Now Available!

We're making ordering even easier!

You can now place a **Blanket Purchase Order (PO)** with us. Choose to have your desired quantities shipped on a regular schedule or simply contact us when you're ready to release part of your order - we'll ship against your PO as needed.

REFERENCES

¹ Regulation (EU) 2017/745 on medical devices, Annex I, Chapter II, Section 14.1

² Based on the Bio Burden DIN EN ISO 11737-1: Report 18AA0193

³ ATS/ERS Task Force. Standardisation of spirometry. Eur. Respir. J. 2005 Aug; 26(2):319-338

⁴ "Bacterial Filtration Efficiency (BFE) at an Increased Challenge Level GLP Report", Nelson Laboratories, UT, Salt Lake City, Study Numbers: 1722703-S01, 1638260-S01, 1487569-S01, 1412078-S01

⁵ "Viral Filtration Efficiency (VFE) at an Increased Challenge Level GLP Report", Nelson Laboratories, UT, Salt Lake City, Study Numbers: 1722702-S01, 1638259-S01, 1487570-S01, 1412080-S01



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