MicroGard® II pulmonary function filter

The MicroGard® II pulmonary function filter acts as an effective barrier for the protection of patients, staff and instrumentation from contamination. MicroGard II stands for patient and operator safety without compromising on system performance and clinical output.

Key features

- 99.9999% viral and bacterial efficiency against cross-contamination (based on Nelson Test Report 10003754)
- Low resistance to airflow
- Minimal dead space (55 mL)
- Filter housing tested for biocompatibility
- Three filter configuration versions, two package sizes
- Validated for compliance with the complete CareFusion Respiratory Diagnostics product line
The MicroGard II filter series

- **MicroGard IIB** with integrated oval-shaped mouthpiece suitable for adult and pediatric use*
- **MicroGard IIC** with round-shaped connector for use with special lung function mouthpieces, ideal for gas dilution and body plethysmographic measurements

Nelson Laboratory has done extensive testing on the MicroGard II filter. This testing shows that the filter offers the right balance between optimized filtration efficiency and minimal resistance (Delta P) to airflow. Based on strict CareFusion verification and validation processes, the MicroGard II does not affect equipment measurement characteristics while protecting patient, operator and equipment from cross-contamination. Therefore, MicroGard II filters are the filters of choice for use with CareFusion JAEGER®, Vmax®, MasterScreen™, and Micro Medical™ pulmonary function testing (PFT) instrumentation.

**Product specifications**

- Inspiratory resistance: < 0.04 kPa/LPS at 1 L/sec (< 0.4 cmH₂O/L/sec at 1 L/sec)
- Expiratory resistance: < 0.04 kPa/LPS at 1 L/sec (< 0.4 cmH₂O/L/sec at 1 L/sec)
- Filtering efficiency against cross contamination:
  - Bacterial > 99.999% (based on Nelson Test Report 10003754)
  - Viral > 99.999% (based on Nelson Test Report 10003754)

*Minimum body weight of 27.5 kg

**Ordering information**

<table>
<thead>
<tr>
<th>Part no.</th>
<th>Description</th>
<th>Qty. (cs.)</th>
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</thead>
<tbody>
<tr>
<td>V-892384</td>
<td>MicroGard IIC (single filter, round connector)</td>
<td>50</td>
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<tr>
<td>V-892391</td>
<td>Filter kit (MicroGard IIB, nose clip)</td>
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<td>V-892392</td>
<td>Filter kit (MicroGard IIC, disposable rubber mouthpiece, nose clip)</td>
<td>80</td>
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