



# Neumofilt™

From Geratherm Respiratory

**In the world of respiratory testing it is becoming more and more difficult to ensure a safe environment for both patient and clinician.**

This issue has seen the rise in the use of filters for many laboratories and clinics, however in a continuing battle to reduce costs many of these filters have become less and less effective at ensuring a bacteria and virus free air flow into the testing system.

Due to this Geratherm Respiratory is using the new Neumofilt respiratory filter, the filter has been designed to be cost effective whilst remaining extremely highly efficient at removing the bacteria and viruses that can come from patients. The second greatest problem for laboratories has been the mix of equipment from different manufacturers, meaning that different filter types have to be kept in stock for different machines. This is an issue that we at Geratherm Respiratory take very seriously, with this in mind we are able to provide adapter for Neumofilt to fit most major manufacturers machines from spirometers to body plethysmographs.



With the continued work in developing one of the world leading filter designs the patient remains our greatest concern, it is because of this that we ensure production reach the high level of quality we expect, guaranteeing that we maintain an extremely high efficient filter with a low back pressure to ensure patient comfort at all times.

## Neumofilt™ Key Features:

- High efficient filtration pad, to ensure safety at all times
- Extremely low airflow resistance to improve patient comfort
- Low dead space
- Integrated adults/children anatomical mouthpiece

Dimensions	Diameter 89 mm Length 85 mm
Weight	40g
Classification	Ila (EWG 93/42)
Filtration Efficiency	Bacteria 99.999980 % Virus 99.999909 %
Resistance	70.8 Pa/l/s at 12l/s
Filtration method	Electrostatic and mechanical
Dead Space	< 90 ml
Connections	29-30 mm ID 32 mm OD
Packing	Single Hygienic non sterile air tight sealed bag
Operating Temperature	5 °C to 40 °C
Storage Temperature	-5°C to 40°C (do not expose direct sunlight)

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