



## Hydro-Guard™ Mini Mk.II

Low volume pleated membrane filter



# Hydro-Guard™ Mini Mk.II

Low volume pleated membrane filter for use in the operating room and intensive care unit

We are pleased to present the new Hydro Guard Mini Mk.II low volume pleated membrane filter. This new and improved filter is the result of recent advances in manufacturing technology along with innovative design.

### Improvements to the Hydro-Guard Mini include:

- **Increased hydrophobicity**, which results in a decrease in resistance to flow under all conditions.
- **Increased bacterial and viral efficiency**, offering the ultimate in patient protection.
- **Decreased weight of product**, to ensure ease of use.

To manufacture the Hydro-Guard Mini Mk.II, we use a two shot injection moulding process allowing us to create in a single step the integral monitoring port cap and colored casing with embossed product description. This eliminates the need for a separate label and increases the inherent safety of the product in use.

The Hydro-Guard Mini Mk.II is ideal for use on adult patients in low flow anesthesia as a heat and moisture exchanging filter and is also suitable for use in intensive care as a filter only product.

### This high efficiency particulate air filter has the following features:

- **Mechanical type filtration characteristics**, for greater efficiency
- **Hydrophobic properties to prevent fluid passage**, for patient safety
- **Monitoring port with integral luer cap** for patient safety
- **Transparent housing** for ease of monitoring secretions

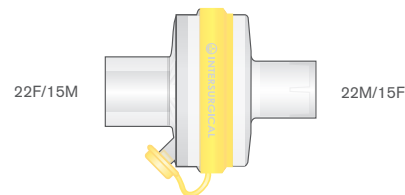
### Technical specifications

The Hydro-Guard Mini has been validated against bacterial and viral aerosols under wet and dry conditions. The end user can therefore be assured of the integrity of the product as well as its comparative efficiency against other filters when tested according to the same recognized protocol.

Each product is 100% individually tested for quality during manufacture.

DOP Filtration Efficiency Test for HEPA Filter: 99.994% (0.3 micron particle).

### Ordering information



Code: 1745030

Box qty. 40

Hydro-Guard Mini Mk.II

### References

1. 'Anaesthesia 2000', 55, pages 458-465
2. 'Tested IS draft pr EN13328-1', CAMR, Porton Down, Wiltshire

Bacterial filtration efficiency <sup>2</sup>	Viral filtration efficiency <sup>2</sup>	Moisture return: @VT 500ml	Resistance at: 60l/min	Compressible volume	Weight	Minimum tidal volume
>99.99999%	>99.999%	24.3mg H <sub>2</sub> O/L	2.6cm H <sub>2</sub> O	63ml	30g	200ml

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