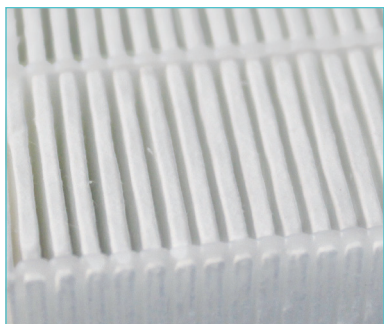




# Hydro-Guard™ Mini Mk.II

Low volume pleated membrane filter



**Airway Management** ▪ Breathing Filters, HMEs and HMEFs



## Hydro-Guard™ Mini Mk.II

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

The Hydro-Guard Mini Mk.II is a versatile, low-volume breathing filter with a pleated mechanical membrane for use in anesthesia as an HMEF (moisture return: 23mg H<sub>2</sub>O/L at VT 500ml), or in the ICU as a filter only.

### Hydro-Guard Mini Mk.II features include:

- **Increased hydrophobicity**, which results in a decrease in resistance to flow under many conditions
- **Increased bacterial and viral efficiency**, offering ultimate 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 molding 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 Mk.II 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<sup>1</sup>.

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

<b>Code</b>	<b>1745030</b>
Box Qty.	40
Luer lock port	✓
Filtration efficiency	>99.999%
Resistance to flow at 30L/min	1.3cm H <sub>2</sub> O
Resistance to flow at 60L/min	2.9cm H <sub>2</sub> O
Compressible volume	63ml
Weight	30g
Connectors	22ID/15OD – 22OD/15ID
Minimum tidal volume	>200ml



Make an inquiry

Reference:

1. Anaesthesia 2000, 55, pages 458-465