



# Inter-Therm™ and Inter-Therm™ Mini

Sterile heat & moisture exchanging filters (HMEFs)





## The Inter-Therm™ HMEF range

The Inter-Therm is a sterile heat and moisture-exchanging filter (HMEF), for use at the patient connection of the breathing system in both anesthesia and intensive care.

### Proven protection

The Inter-Therm protects the patient, equipment and environment from cross contamination while providing passive humidification.

### Options available

The range includes the Inter-Therm for adults and the Inter-Therm Mini for pediatrics (which is available with an angled integrated elbow option). Inter-Therm is available with a number of patient connections for many applications. All port caps are tethered to ensure patient safety.

### Validated efficiency

Intersurgical breathing filters are validated against bacterial and viral challenges through independent protocols<sup>1</sup>.



The Inter-Therm Mini is also available with an integrated angled elbow to keep deadspace to a minimum.

### Turbo webs

Evenly distributes air flow to ensure all of the filter media is utilized

### HME on the patient side

Ensures low resistance to flow during use

### Wound paper HME element

Provides high moisture return





Code	1341030S <b>S</b>	1341031S <b>S</b>	1341032S <b>S</b>
Box Qty.	50	50	20
Luer lock port		✓	✓
Moisture loss	6mg H <sub>2</sub> O/L	6mg H <sub>2</sub> O/L	6mg H <sub>2</sub> O/L
Calculated moisture return	32.3mg H <sub>2</sub> O/L	32.3mg H <sub>2</sub> O/L	32.3mg H <sub>2</sub> O/L
Filtration efficiency	>99.998%	>99.998%	>99.998%
Resistance at 30L/min	1.6cm H <sub>2</sub> O	1.6cm H <sub>2</sub> O	1.4cm H <sub>2</sub> O
Resistance at 60L/min	2.7cm H <sub>2</sub> O	2.7cm H <sub>2</sub> O	3.5cm H <sub>2</sub> O
Compressible volume	57ml	57ml	57ml*
Weight	30g	31g	45g
Connectors	22ID/15OD – 22OD/15ID	22ID/15OD – 22OD/15ID	22ID/15OD – 22OD/15ID
Minimum tidal volume	>180ml	>180ml	>180ml
Accessories			Superset™ catheter mount



Inter-Therm™ Mini Angled

Inter-Therm™ Mini

Code	1341033S <b>S</b>	1332030S <b>S</b>	1331030S <b>S</b>
Box Qty.	20	50	50
Luer lock port	✓	✓	✓
Moisture return	6mg H <sub>2</sub> O/L	8.5mg H <sub>2</sub> O/L	8.4mg H <sub>2</sub> O/L
Calculated moisture return	32.3mg H <sub>2</sub> O/L	30.1mg H <sub>2</sub> O/L	30.2mg H <sub>2</sub> O/L
Filtration efficiency	>99.998%	>99.99%	>99.99%
Resistance at 30L/min	1.6cm H <sub>2</sub> O	2.2cm H <sub>2</sub> O	2.2cm H <sub>2</sub> O
Resistance at 60L/min	3.9cm H <sub>2</sub> O	N/A	N/A
Compressible volume	57ml*	29ml	28ml
Weight	58g	19g	20g
Connectors	22ID/15OD – 22OD/15ID	15OD – 22OD/15ID	22ID/15OD – 22OD/15ID
Minimum tidal volume	>180ml	>90ml	>90ml
Accessories	Smoothbore catheter mount with double swivel elbow and double flip-top cap		

\* HME only



