



Inter-Therm™ HMEF range



Airway Management ▪ Heat and moisture exchanging filters (HMEFs)



The Inter-Therm HMEFs are a range of high efficiency filters combined with a unique corrugated paper HME which maximises the surface area to help provide a high level of protection combined with excellent humidification. The range includes both HEPA and electrostatic filters, as well as tracheostomy HMEs, to meet the clinical needs of all patient populations.

Inter-Therm™ Midi HMEF with luer port



Code	1331302
Box Qty.	60
Luer lock port	✓
Bacterial efficiency	99.99%
Viral efficiency	99.95%
Moisture loss	8.1mg H ₂ O/L
Calculated moisture return	30.5mg H ₂ O/L
Resistance at 30L/min	1.7cm H ₂ O
Resistance at 60L/min	3.7cm H ₂ O
Compressible volume	30ml
Weight	20g
Connectors	15M-22M/15F
Minimum tidal volume	150ml

Inter-Therm™ Midi Angled HMEF with luer port



Code	1332402
Box Qty.	60
Luer lock port	✓
Bacterial efficiency	99.99%
Viral efficiency	99.95%
Moisture loss	8.1mg H ₂ O/L
Calculated moisture return	30.5mg H ₂ O/L
Resistance at 30L/min	1.7cm H ₂ O
Resistance at 60L/min	3.7cm H ₂ O
Compressible volume	32ml
Weight	22g
Connectors	15M-22M/15F
Minimum tidal volume	150ml

Inter-Therm™ Micro Angled HMEF with luer port



Code	1333002
Box Qty.	50
Luer lock port	✓
Bacterial efficiency	99.97%
Viral efficiency	99.65%
Moisture loss	8.1mg H ₂ O/L
Calculated moisture return	30.5mg H ₂ O/L
Resistance at 10L/min	0.7cm H ₂ O
Resistance at 20L/min	1.5cm H ₂ O
Compressible volume	12ml
Weight	15g
Connectors	15M-22M/15F
Minimum tidal volume	50ml

Inter-Therm™ Angled HMEF with luer port



Code	1341902
Box Qty.	40
Luer lock port	✓
Bacterial efficiency	99.999%
Viral efficiency	99.99%
Moisture loss	9.1mg H ₂ O/L
Calculated moisture return	29.6mg H ₂ O/L
Resistance at 30L/min	0.9cm H ₂ O
Resistance at 60L/min	2.3cm H ₂ O
Compressible volume	50ml
Weight	32g
Connectors	22F/15M-22M/15F
Minimum tidal volume	150ml

Inter-Therm™ T and T+ HME



1875020



1875000

	Inter-Therm T	Inter-Therm T+	Inter-Therm T+
Code	1875020 (S*)	1875000 (S*)	1875001 (S*)
Moisture loss	11.9mg H ₂ O/L	13.1mg H ₂ O/L	13.1mg H ₂ O/L
Moisture return	27.1mg H ₂ O/L	26.1mg H ₂ O/L	26.1mg H ₂ O/L
Resistance at 30L/min	0.3cm H ₂ O	0.4cm H ₂ O	0.4cm H ₂ O
Resistance at 60L/min	0.8cm H ₂ O	1.1cm H ₂ O	1.1cm H ₂ O
Compressible volume	16ml	17ml	17ml
Weight	5g	9g	9g
Connectors	15F	15F	15F
Minimum tidal volume	> 60ml	> 60ml	> 60ml
Accessories			1.8m oxygen tube

Make an enquiry

Inter-Therm™ HMEF with luer port - sterile



Make an enquiry

Code	1341000S
Box Qty.	50
Luer lock port	✓
Moisture loss	6mg H ₂ O/L
Calculated moisture return	32.3mg H ₂ O/L
Filtration efficiency	> 99.998%
Resistance at 30L/min	1.6cm H ₂ O
Resistance at 60L/min	2.7cm H ₂ O
Compressible volume	57ml
Weight	31g
Connectors	22F/15M-22M/15F
Minimum tidal volume	> 180ml

Inter-Therm™ Pro HMEF



Make an enquiry

Code	1791902
Box Qty.	50
Luer lock port	✓
Moisture loss	8mg H ₂ O/L
Calculated moisture return	30.6mg H ₂ O/L
Filtration efficiency	> 99.9999%
Resistance at 30L/min	1.3cm H ₂ O
Resistance at 60L/min	2.5cm H ₂ O
Compressible volume	125ml
Weight	49g
Connectors	22F/15M-22M/15F
Minimum tidal volume	> 300ml

Inter-Therm™ Mini paediatric HMEF with luer port - sterile



Code	1331000S
Box Qty.	50
Luer lock port	✓
Moisture loss	8.4mg H ₂ O/L
Calculated moisture return	30.2mg H ₂ O/L
Filtration efficiency	> 99.99%
Resistance at 15L/min	1.0cm H ₂ O
Resistance at 30L/min	2.2cm H ₂ O
Compressible volume	28ml
Weight	20g
Connectors	22F/15M-22M/15F
Minimum tidal volume	> 90ml

Make an enquiry

Inter-Therm™ Mini paediatric angled HMEF with luer port - sterile



Code	1332000S
Box Qty.	50
Luer lock port	✓
Moisture loss	8.5mg H ₂ O/L
Calculated moisture return	30.1mg H ₂ O/L
Filtration efficiency	> 99.99%
Resistance at 15L/min	0.7cm H ₂ O
Resistance at 30L/min	2.2cm H ₂ O
Compressible volume	29ml
Weight	19g
Connectors	15M-22M/15F
Minimum tidal volume	> 90ml

Make an enquiry

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The manufacturer Intersurgical Ltd is certified
to ISO 14001:2015, ISO 9001:2015,
ISO 13485:2016 and MDSAP

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