



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	> 99.98%
Viral efficiency	> 99.93%
Moisture loss	8.1 mg H ₂ O/L
Calculated moisture return	30.5 mg H ₂ O/L
Resistance at 30L/min	1.7 cm H ₂ O
Resistance at 60L/min	3.7 cm H ₂ O
Compressible volume	29 ml
Weight	20 g
Connectors	15M-22M/15F
Minimum tidal volume	100 ml

Inter-Therm™ Midi Angled HMEF with luer port



Code	1332402
Box Qty.	60
Luer lock port	✓
Bacterial efficiency	> 99.98%
Viral efficiency	> 99.93%
Moisture loss	8.1 mg H ₂ O/L
Calculated moisture return	30.5 mg H ₂ O/L
Resistance at 30L/min	1.7 cm H ₂ O
Resistance at 60L/min	3.7 cm H ₂ O
Compressible volume	31 ml
Weight	22 g
Connectors	15M-22M/15F
Minimum tidal volume	100 ml



Inter-Therm™ Micro Angled HMEF with luer port



Code	1333002
Box Qty.	50
Luer lock port	✓
Bacterial efficiency	> 99.94%
Viral efficiency	≥ 99.53%
Moisture loss	8.1 mg H ₂ O/L
Calculated moisture return	30.5 mg H ₂ O/L
Resistance at 10L/min	0.7 cm H ₂ O
Resistance at 20L/min	1.5 cm H ₂ O
Compressible volume	16 ml
Weight	15 g
Connectors	15M-22M/15F
Minimum tidal volume	50 ml

Inter-Therm™ Angled HMEF with luer port



Code	1341902
Box Qty.	40
Luer lock port	✓
Bacterial efficiency	> 99.999%
Viral efficiency	> 99.98%
Moisture loss	9.1 mg H ₂ O/L
Calculated moisture return	29.6 mg H ₂ O/L
Resistance at 30L/min	0.9 cm H ₂ O
Resistance at 60L/min	2.3 cm H ₂ O
Compressible volume	46 ml
Weight	32 g
Connectors	22F/15M-22M/15F
Minimum tidal volume	150 ml

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	11.9 mg H ₂ O/L	13.1 mg H ₂ O/L	13.1 mg H ₂ O/L
Moisture return	27.1 mg H ₂ O/L	26.1 mg H ₂ O/L	26.1 mg H ₂ O/L
Resistance at 30L/min	0.3 cm H ₂ O	0.4 cm H ₂ O	0.4 cm H ₂ O
Resistance at 60L/min	0.8 cm H ₂ O	1.1 cm H ₂ O	1.1 cm H ₂ O
Internal volume	16 ml	17 ml	17 ml
Weight	5 g	9 g	9 g
Connectors	15F	15F	15F
Minimum tidal volume	> 60 ml	> 60 ml	> 60 ml
Accessories	-	-	1.8m oxygen tube

[Make an enquiry](#)



Inter-Therm™ HMEF with luer port - sterile


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Code	1341000S
Box Qty.	50
Luer lock port	✓
Moisture loss	6.0 mg H ₂ O/L
Calculated moisture return	32.3 mg H ₂ O/L
Filtration efficiency	> 99.998%
Resistance at 30L/min	1.6 cm H ₂ O
Resistance at 60L/min	2.7 cm H ₂ O
Compressible volume	57 ml
Weight	31 g
Connectors	22F/15M-22M/15F
Minimum tidal volume	> 180 ml

Inter-Therm™ Pro HMEF


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Code	1791902
Box Qty.	50
Luer lock port	✓
Moisture loss	8.0 mg H ₂ O/L
Calculated moisture return	30.6 mg H ₂ O/L
Filtration efficiency	> 99.9999%
Resistance at 30L/min	1.4 cm H ₂ O
Resistance at 60L/min	2.5 cm H ₂ O
Compressible volume	126 ml
Weight	50 g
Connectors	22F/15M-22M/15F
Minimum tidal volume	380 ml

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


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

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


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

Note: Not all products are available in all markets, please contact your local office for details.

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Intersurgical Ltd, Crane House, Molly Millars Lane, Wokingham, Berkshire, RG41 2RZ, UK
T: +44 (0)118 965 6300 info@intersurgical.com www.intersurgical.com



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

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