

HYGROSTER Mini combines Top Filtration Performance of pleated filter membranes and Heat & Moisture Efficiency in a very small dead space, without compromising on flow resistance. Its advanced design with rounded corners allows ease of use and operator/patient comfort. Performance and ergonomics make it ideal in the intensive care at the patient side.

Superior Product Performances



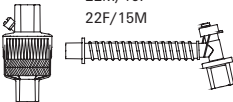

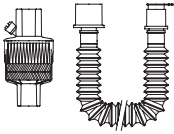
HYGROSTER Mini is manufactured according to ISO 9001 in a modern, purpose built factory. The filter is tested to assure integrity and proper performance in compliance with the applicable International Standards and international documents.

Assured Sterility

DAR HYGROSTER Mini is sterilized by Ethylene Oxide exposure: the whole cycle is validated according to EN 550 and ISO 11135 standards. Sterility is tested and assured according to European Pharmacopoeia V ed., US Ph XXVIII and EN 556.

HYGROSTER Mini filters are supplied sterile and individually packed.

The table below shows standard configuration products.

HYGROSTER Mini with CO ₂ port			HYGROSTER Mini with CO ₂ tethered cap			Filtration efficiency (NaCl) ¹ (EN 13328-1:2001)		99.997% 0.003% penetration	
REF	Connections	Pack	REF	Connections	Pack	Bacterial Filtration Efficiency (BFE) ^{2,3} >99.999%			
354S19028	22M/15F 22F/15M	25 pcs	354S19028TC	22M/15F 22F/15M	25 pcs	Viral Filtration Efficiency (VFE) ² >99.999%			
						Resistance to flow after 24 hrs (ISO 9360-1:2000 & EN 13328-2:2002) ^{4,5}		at 15 l/min 0.6 cm H ₂ O at 30 l/min 1.2 cm H ₂ O at 60 l/min 2.7 cm H ₂ O at 90 l/min 4.6 cm H ₂ O	
HYGROSTER Mini with double swivel PVC catheter mount						Internal Volume (ISO 9360-2:2000) ⁵		66 ml	
REF	Connections	Pack				Weight ⁵		36 g	
354S19029	22M/15F 22F/15M	25 pcs				Type of filtration		Mechanical/Electrostatic	
						Filtration surface		190 cm ²	
						Moisture loss (ISO 9360-1:2000) ⁶		at TV 500 ml 6 mg H ₂ O/l	
						Moisture output after 24 hrs (ISO 9360:1992) ⁵		at TV 500 ml 32 mg H ₂ O/l	
HYGROSTER Mini with removable elbow			HYGROSTER Mini with extendible PP catheter mount			Tidal volume range		200 - 1500 ml	
REF	Connections	Pack	REF	Connections	Pack	Single use		Not to be cleaned Sterilized and/or reused	
354S19031	22M/15F 22F/15M	25 pcs	354S19030	22M/15F 22F/15M	25 pcs	Sterile		Sterilized by ETO	
						Max. sterile life		5 years	
						Recommended period of use		Up to 24 hrs, single patient only	

¹ Nelson Laboratories Inc., Salt Lake City, UT, US - Lab. No. 294689
² HPA, Porton Down, UK - Report No. 957-05 (test against *Bacillus subtilis* and *MS-2 phage*)
³ HPA, Porton Down, UK - Report No. 957-05 B (test against *Mycobacterium tuberculosis*)
⁴ Internal testing (at 15 l/min)
⁵ Medical Device Evaluation Unit, Cardiff University, UK - Report No. 050102
⁶ TIM, Göttingen, Germany - Report No. 2005/007

CE Marked in compliance with the European Medical Device Directive (MDD 93/42/EEC).

Specifications are subject to change without notice.

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