

Product P/N	9085/751	Mod. 984A
Description	MICRO Lo-Volume HME	Rev. 06

9085/751

MICRO Lo-Volume HME



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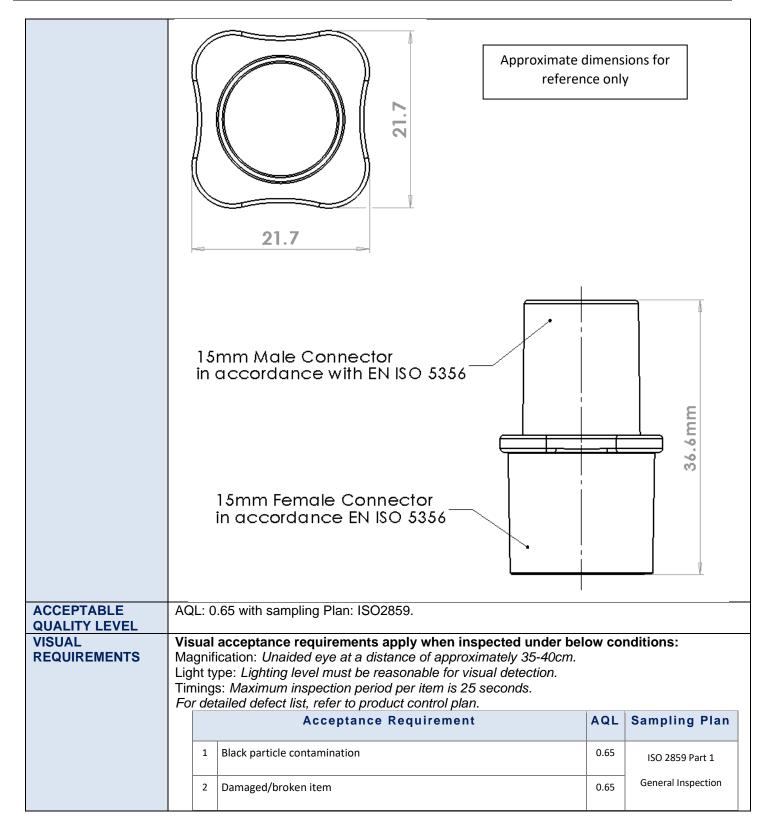
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PRODUCT		
CHARACTERISTIC	Appearance/Visual As shown on drawing.	
	Physical/Mechanical Approx. dimensions: Ø21.7mm x 36.6mm height. Weight: 3.4gm (approx.). Interfaces (ex: Input / Output connectors): 15mm female connector of Operating temperature Range: N/A Storage temperature Range: 5 °C to 40 °C Bidirectional Filter.	n patient side.
	Biological Pyrogenicity: <0.3 Eu/ml Biocompatibility to ISO10993 Category – Surface device Contact – Skin Contact Duration - <24hrs	
	Functional Air Flow Rate: <i>51/min, 101/min, 151/min.</i>	
	Pressure Drop: Flow Resistance @ 5L/min in accordance with EN ISO 9360-1: Max. Flow Resistance @ 10L/min in accordance with EN ISO 9360-1: Max. Flow Resistance @ 15L/min in accordance with EN ISO 9360-1: Max. (REP: 0660/16 with 10% of safety margin added to Max.)	161.7 Pa
	Internal Volume: 3ml (approx.)	
	Operating Lifetime: Refer to Instructions for Use.	
	Shelf Lifetime: 5 years from the date of manufacture.	
	Moisture Loss @ 250ml Tidal Volume in accordance with EN ISO 9360 (REP:0662/16 with +0.5ml Factor of safety)	D-1: Max. 14.42mg/l
	Moisture Output @ 250ml Tidal Volume in accordance with EN ISO 93 (REP:0662/16 with -0.5ml Factor of safety)	260-1: Min. 24.43mg/l
	Gas leakage in accordance with EN9360: Max. 0.0 ml/min (REP:1161/1	7)
	Cleanliness Device assembled within Class 8 Cleanroom.	
INSTRUCTIONS / WARNINGS	Multi-language IFU available.	
PRODUCT SHELF	5 years from the date of manufacture.	h e ll'e e
STERILIZATION	Expiration date and date of manufacture are detailed on the product la Sterile version of product available (Ethylene oxide - Max 55°C)	peiling.



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APPLICABLE	Product Certification required:	
STANDARDS AND REGULATIONS	- CE mark - FDA	
	Applicable Standards and Technical Regulations: Biological evaluation of Medical Devices - Part 1: Evaluation and Testing - ISO 10993-1.	
	Medical devices- Application of risk management to medical devices - BS EN ISO 14971.	
	Medical devices – symbols to be used with medical device labels, labelling and information to be supplied - Part1: General requirements - ISO 15223-1.	
	Anaesthetic and respiratory equipment – conical connectors – part 1: Cones and sockets – ISO 5356-1.	
	Sterilization of health care products – Ethylene oxide sterilization – ISO 11135-1.	
	Sterilization of medical devices – Microbiological Methods – Part 1: Estimation of population of Microorganisms on products – ISO 11737-1.	
PACKAGING AND LABELING	Number of pcs per bag is determined by the sales order. The first barcode label is applied to the outside of the bags. The second barcode label is applied onto the outside of the box. Each bag is labelled with the following traceability information: ✓ Quantity ✓ Product description ✓ Product Date ✓ Lot Number (OL and 5-digit batch number to trace back to raw materials used) ✓ Operator Code Different lots in one box are separately closed and separately labelled. Bulk products will be packed in double PE bags.	
CERTIFICATE OF COMPLIANCE	With each shipment, GVS UK Customer Service will send the CofC to the Customer, based on the lot numbers and date of manufacture. Conformity declaration is printed on every invoice and Certificate is according to UNI EN 10204 type 2.1.	
DRAWING	The Quality management system is in compliance with ISO 13485.The attached drawing is part of this product specification and must not be duplicated or made	
	accessible to a third party without written permission from GVS Filter Technology UK Ltd.	



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	3	Blocked connector/luer	0.65	Level 1
	4	Short fill moulding	0.65	
	5	Rough surface or edges	0.65	
	6	Pronounced injection gate	0.65	
	7	Deformation/distortion	0.65	
	8	Crack	0.65	
	9	Oil/grease	0.65	
	10	Wrong colour	0.65	
GENERAL SAFETY AND PERFORMANCE REQUIREMENTS	Special characteristic : Product characteristic which can affect safety or compliance with regulations, fit, function, performance or subsequent processing of product. Special Characteristic # 01:			
	Flow F	Resistance @ 5L/min in accordance with EN ISO 9360-1,		
	Flow H	Resistance @ 10L/min in accordance with EN ISO 9360-1,		
	Flow H	Resistance @ 15L/min in accordance with EN ISO 9360-1.		
	Speci /SO 9	al Characteristic # 02: Moisture Output @ 250ml Tidal Volum 360-1	e in acc	cordance with EN
	Moistu	re Loss @ 250ml Tidal Volume in accordance with EN ISO 930	60-1.	
	Speci	al Characteristic # 03: Gas Leakage compliant in accordance	with EN	<i>\9360.</i>
	Speci	al Characteristic # 04: Conical connectors compliant in accord	<i>lance</i> w	vith EN5356.
This material specification describes the properties of product above indicated. This document contains general requirements, material description, drawing references, defect specification, biological material requirements.				

REVISIONS AND APPROVALS:

DATE	REV.	REASON FOR CHANGE	ISSUED AND CONTROLLED BY: (NAME/FUNCTION/SIGNATURE)	APPROVED BY: (NAME/FUNCTION/SIGNATURE)
30/07/2021	3	Functional characteristics updated.	Kinga Gawdzik – Engineering Support Technician	Andrew Pearce – Quality Manager



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CUSTOMER APPROVAL:		
We accept this	s material specification as a part of the agreed terms of delivery.	
Company Nan	ne:	
Approved by:		
	NAME/FUNCTION	
	SIGNATURE	
	DATE	
	COMPANY STAMP	

Please send back this document signed for approval. If we will not receive this specification signed, we consider the first order placed as implicit approval.