



HM
1400

Half Mask

Introducing the HM1400 Half Mask. Protective, comfortable and lightweight, our Half Mask is available in 3 sizes, with a full range of filters, spares and accessories.



Engineered for Performance

Performance is everything. Our HM1400's low resistance airflow system makes breathing easy, while its swept-back filter position and lightweight construction combines into a low burden, highly optimised Half Mask.

Better design, better protection.



Designed for Comfort

Using anthropometric design and strategic material selection, we've built comfort into the design of our HM1400 Half Mask. Our elastomeric oronasal is combined with three sizes of fit profile to create a secure, comfortable fit over extended usages.

Better fit, better protection.



Ultra-low Breathing Resistance

The breathing resistance of users' equipment can affect their performance and comfort. We've designed our Half Mask with a low burden airflow system, twin inhale valves and low pressure drop filters, to create a system with ultra-low breathing resistance.

Breathe easily, without compromising protection.

Small

111 grams

Medium

116 grams

Large

117 grams

CE 0086
EN 140:1998

AS/NZS 1716:2012

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The HM1400: Part of the Corpro Respiratory Range.



P3 R

A1

A2

ABE1

ABEK1

A1P3 R D

A2P3 R D

ABE1P3 R D

ABEK1P3 R D

		The HM1400 Half Mask				
EN Requirement		Small	Medium	Large		
Weight	Actual	111 g	116 g	117 g		
Temperature Conditioning	EN	24 hrs in a dry atmosphere at 70 °C followed by 24 hrs at -30 °C				
Flammability	EN	The Half Mask is passed through a single burner, set up with a 40 mm, 800 °C flame, at a constant speed of 60mm/s at a distance of 20 mm between the burner and lowest part of the facepiece. The facepiece cannot continue to burn 5 s after removal.				
Head Harness Pull Test	EN	Withstand a pull of 50 N for 10 s				
Connectors Pull Test	EN	Withstand a pull of 50 N for 10 s				
Breathing Resistance		Inhalation Resistance		Exhalation Resistance		
		30 l/min	95 l/min	160 l/min	160 l/min	
	Actual	0.11 mbar	0.42 mbar	0.77 mbar	1.28 mbar	
	EN	< 0.50 mbar	< 1.3 mbar	< 2.00 mbar	< 3.00 mbar	
CO ₂ Content of Inhaled Air	Actual	0.66 %		0.66 %	0.64 %	
	EN	< 1.00 %				
Inward Leakage - Based on average of the 10 subjects per exercise.		Exercise				Notes
		Walk	Head side/side	Head up/down	Talk	
	Actual	0.060 % ¹	0.115 % ²	0.073 % ³	0.247 % ¹	0.210 % ¹
	EN	< 5.000 %				< 2.000 %

¹ 5 Subjects achieved results < 0.001 %
² 4 Subjects achieved results < 0.001 %
³ 3 Subjects achieved results < 0.001 %

Product Code

Masks		
Half Mask - HM1400	Small	1400-001-P00001
	Medium	1400-001-P00002
	Large	1400-001-P00003

Spares

FFM1600 and HM1400 Oronasal Endoskeleton Pack - Endoskeleton and Bayonets	1400-001-X00001
HM1400 Major Seal Pack - Small - Oronasal Seal	1400-001-X00002
HM1400 Major Seal Pack - Medium - Oronasal Seal	1400-001-X00003
HM1400 Major Seal Pack - Large - Oronasal Seal	1400-001-X00004
HM1400 Exhale Cover Pack	1400-001-X00005
HM1400 Head Harness Pack - Harness, Elastic and Buckles	1400-001-X00006
HM1400 Minor Seals Pack - Exhale Valve and Inhale Valves	1400-001-X00007

Accessories and Maintenance

Portacount Basic Test Kit	1600-001-X00012
Portacount Advanced Test Kit - Basic Test Kit, a pair of P3 Filters and a Sizing Caliper	1600-001-X00016
OHD Quantifit Din40 Adaptor Test Kit	1600-001-X00017
Service Kit - including Inlet Blank, Pressure Pickup Blank, Bayonet Puller	1600-001-X00018
Sizing Caliper	1600-001-X00019

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Designed and
Assembled
in the UK