COSMED
The Metabolic Company

Face Mask

Multi-use silicone face masks with headgear for comfortable leak-free resting and exercise gas exchange measurements

- 5 sizes (3 Adult and 2 Pediatric)
- Available also with inspiratory valve for high performance exercise testing
- Reusable and easily disinfected for multiple use
- Anatomical design for leak free and comfortable fit
- Integrated chin cup for stability
- Perfect adherence to any face shape
- Easy to clean and sterilize

Applications

- CPET
- REE
- 6MWT

Related Products

- Fitmate line
- Quark line
- K5
- K4 b^2
- Spiropalm 6MWT

The reusable face masks by COSMED are the best solution for testing (at rest or during exercise test) with maximum patient comfort even during long testing sessions (2-3 hours) and at any exercise intensity.

Made of silicone rubber (no latex or other allergic material) the mask guarantees maximum seal and no air leaks. The face mask has an anatomically contoured design with resilient ribbed support structure for a leak free comfortable fit and integrated chin cup for stability.

Five sizes of face pieces are available to cover a wide range of patient sizes (3 adult and 2 paediatric).

Possibility to have face mask models with inspiratory valves, which reduce inspiratory resistance during high performance exercise.

Mounting and dismounting of headgear is made simple thanks to the new quick-release 5 strap clips. Easily adjustable, light weight, 5 strap Headgear for patient comfort, available in three sizes.

The face mask can be easily cleaned and sterilised: steam autoclaveable, cold chemical, pasteurization and dishwasher safe.

Internal testing shows significant reduced inspiratory resistance starting already from 80 Liter/min. At 150 L/m resistance to flow is 1/2 compared with masks without valves

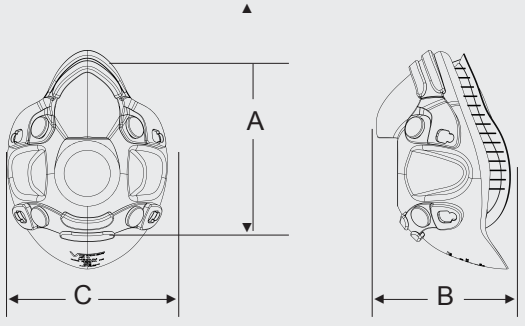
Face masks without inspiratory valves are recommended when performing Exercise Flow/Volume Loops (EFVL)

RMR testing with pediatric face mask

V2 Mask			
for Turbine 2000 w/ Inspiratory Valve		Application	Compatible Product
C04324-01-10	Small	Valves reduce inspiratory resistance, ideal for Performance testing	K5, Quark CPET, Quark PFT, K4 b², Quark b²
C04324-02-10	Medium		
C04324-03-10	Large		
C04324-04-10	X-Small		
for Turbine 2000 w/o Inspiratory Valve			
C03701-01-10	Small	For clinical or performance applications. Required when EFVL (Exercise flow volume loops) must be captured	K5, Quark CPET, Quark PFT, K4 b², Quark b²
C03702-01-10	Medium		
C03703-01-10	Large		
C03704-01-10	X-Small		
C03705-01-10	Petite		
for VO_2max flowmeter w/o Inspiratory Valve			
C03611-01-10	Small	For clinical or performance applications.	Fitmate PRO, Fitmate MED, Spiropalm 6MWT
C03612-01-10	Medium		
C03613-01-10	Large		
C03616-01-10	X-Small		
C03620-01-10	Petite		
for RMR flowmeter w/o Inspiratory Valve			
C03617-01-10	Small	For Resting applications only	Quark RMR, Fitmate line, Quark PFT (REE), Quark CPET (REE)
C03618-01-10	Medium		
C03619-01-10	Large		
C03614-01-10	X-Small		
C03615-01-10	Petite		
Head Cap			
A-800-900-023	Head cap adult for Small or Medium		
A-800-900-022	Head cap adult for Large		
A-800-900-024	Head cap for ExtraSmall or Petite		

Materials	
Face Piece with Structural Braces	Silicone Rubber Blue, Polycarbonate Thermoplastic
Headgear	Polyurethane Foam Black, Nylon UBL Gray and Nylon Fabric Red
Biocompatibility	Statement 10993-1
Headgear Hook	Nylon, Black
Headgear Strap Clips (4), Tri-glide	Polypropylene, Black
Custom Mask Adapters	Polycarbonate Thermoplastic

Dimensions	Mask face Piece Sizes				
	Large (L)	Medium (M)	Small (S)	Extra Small (ES)	Petite (P)
A (in/cm)	5.9/15	5.6/14,2	5.2/13,2	4.8/12,2	4.6/11,7
B (in/cm)	3.7/9,4	3.4/8,6	3.2/8,1	3.1/7,8	3.0/7,6
C (in/cm)	4.2/10,6	4.2/10,6	4.0/10,2	3.9/10	3.9/10
Deadspace (ml)	143	125	99	88	78
Weight (g)	128	118	100	89	83



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