DATASHEET

Ambu® Mark IV resuscitators are reusable resuscitators designed for manual ventilation of adult, paediatric and infant patients. They are available in two sizes; Baby - suitable for patients with a body weight up to 20 kg, and Adult - suitable for patients with a body weight of more than 15 kg.

Featuring a single-shutter valve system, the Ambu® Mark IV has become an established choice of manual resuscitator, providing reliable ventilation to patients in both emergency and inhospital environments for over 15 years.

The patient valve is housed in a transparent housing, which allows for users to observe the operation of the valve and ensure it's functionality. In addition, there is a swivel connector located between the patient valve and face mask that allows for 360° rotation of the resuscitator relative to the patient, this means that the operator is able to change position without interrupting ventilation.

On the Ambu® Mark IV Size Baby resuscitator, a built-in pressure limiting system is included to reduce the risk of barotrauma. If higher pressures are required, the override cap can simply be closed to prevent activation.

After use, the Ambu® Mark IV resuscitators are capable of being sterilised at a temperature of 134 °C/273.2 °F (not applicable for oxygen reservoir tube and size 0A face mask) and can be reprocessed 30 times (except the oxygen reservoir bag which can be reprocessed 15 times).

Ambu® Mark IV Resuscitators



KEY BENEFITS

Swivel connection allows for 360° rotation, making it possible to change position without interrupting patient ventilation

Single-shutter valve system for reliable functionality

Pre-attached splash guard diverts fluids and expired air away from the user, for additional protection

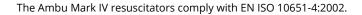
The Ambu® Mark IV can be sterilised at a temperature of 134 °C/273.2 °F (except oxygen tube reservoir and size 0A face mask)

Integrated pressure-limiting valve with override cap on Ambu® Mark IV Size Baby for patient safety



SPECIFICATIONS

	Mark IV Size Adult	Mark IV Size Baby
Resuscitator volume	Approx. 1450 ml	Approx. 420 ml
Delivered volume one hand	600 ml 900 ml Approx.	300 ml
Delivered volume two hands	270 x 130 mm Approx.	-
Dimensions (length x diameter)	415 g	Approx. 265 x 80 mm
Weight of the resuscitator (without oxygen reservoir and mask)		Approx. 190 g
Patient connector	Outside 22 mm male (EN ISO 5356-1)	
Expiration connector	Inside 15 mm femele (EN 1596-356-1)	
for PEEP valve attachment)	Ø 4.2 +/- 0.1 mm	
Manometer port connector		
Bag refill valve connector		
	Inside 32 mm female -	
O2 Inlet Connector	According to EN ISO 13544-2	
Dead space	≤ 5 ml + 10 % of the delivered volume	≤ 5 ml + 10 % of the delivered volume
Leaks (both ways)	Non-measurable	Non-measurable
Pressure-limitation valve	-	40 cmH2O (4.0 kPa)
Oxygen reservoir bag volume	Approx. 1500 ml	Approx. 1500 ml (bag) Approx. 100 ml (tube)
Operation temperature	-18 °C to +50 °C (0 °F to +122 °F)	
Storage temperature	-40 °C to +60 °C (-40 °F to +140 °F)	





Mark IV Size Adult, shown with an attached silicone face mask



Mark IV nameplate



Integrated pressure-limiting valve with override cap on Ambu® Mark IV Size **Baby for patient safety**

ORDERING SPECIFICATIONS

ltem no.	Description	
Mark IV Size Baby		
299 006 000 299	With reservoir bag and silicone face mask size 0A	
007 000 299 008	With reservoir bag and silicone face mask size 0	
000 299 009 000	With reservoir bag and silicone face masks size 0 & 0A	
299 001 000 299	With reservoir bag	
003 000 299 004	With reservoir tube and silicone face mask size 0A	
000 Mark IV Size	With reservoir tube and silicone face mask size 0	
Adult 304004000 With reservoir tube		
304002000		
304009000	With reservoir bag With reservoir bag and silicone	
304010000	face mask size 5 With reservoir bag and silicone	
3040011000	face masks size 2 & 5 With reservoir bag and	
	silicone face masks size 0 & 2 With reservoir bag	
	and silicone face masks size 2 & 5	

Ambu

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MATERIAL

Product	Material	
Inner bag	Silicone rubber	
Outer cover	Silicone rubber	
Patient valve housing	PSU PSU	
Patient connector	PSU/stainless steel	
Pressure-limiting valve*	Silicone rubber PP	
Override cap*	TPV POM POM PE	
Expiration connector	Silicone rubber	
Cap for manometer port*	Silicone rubber	
Inlet valve housing	Aluminium PSU	
Screw cap (two parts)		
Reservoir tube*		
Valve discs		
Strap		
Nameplate		
Window with snap fastener		
Connector		
Oxygen reservoir bag***	POM	
Adapter for reservoir bag*/***	PE/PUR	
Reservoir housing incl.	Silicone rubber	
cap and screw cap***	POM/PP	
Splash guard**/***		
	PSU	

^{*} Mark IV Size Baby only



^{**} Mark IV Size Adult only *** Optional accessory