

Ambu® Mark IV Resuscitators

DATASHEET

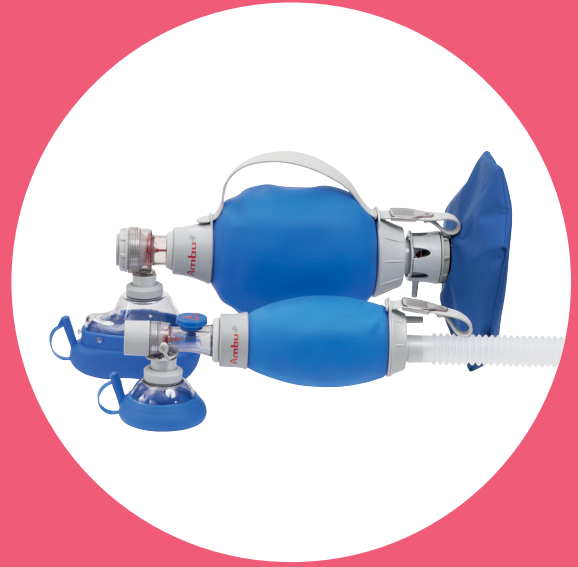
Ambu® Mark IV resuscitators are reusable resuscitators designed for manual ventilation of adult, paediatric and infant patients. They are available in two sizes; Baby - suitable for patients with a body weight up to 20 kg, and Adult - suitable for patients with a body weight of more than 15 kg.

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 in-hospital 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).



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

Ambu

SPECIFICATIONS

| | Mark IV Size Adult | Mark IV Size Baby |
|--|---|--|
| Resuscitator volume | Approx. 1365 ml | Approx. 387 ml |
| Delivered volume one hand | 600 ml | 300 ml |
| Delivered volume two hands | 900 ml | - |
| Dimensions (length x diameter) | Approx. 270 x 130 mm | Approx. 265 x 80 mm |
| Weight of the resuscitator (without oxygen reservoir and mask) | Approx. 415 g | Approx. 190 g |
| Patient connector | Outside 22 mm male (EN ISO 5356-1) Inside 15 mm female (EN ISO 5356-1) | |
| Expiration connector (for PEEP valve attachment) | 30 mm male (EN ISO 5356-1) | |
| Manometer port connector | Ø 4.2 +/- 0.1 mm | |
| Bag refill valve connector | Inside 32 mm female | - |
| O ₂ 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 cmH ₂ O (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) | |

The Ambu Mark IV resuscitators comply with EN ISO 10651-4:2002.



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

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

MATERIAL

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

* Mark IV Size Baby only

** Mark IV Size Adult only

*** Optional accessory

CE 2797 US: Rx only

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