

Ambu® SPUR® II

DATASHEET

Ambu SPUR II provides users with exceptional tactile and visual feedback during resuscitation. The bag is highly responsive, with minimal mechanical resistance. Its design provides optimum stroke volume with perfect recoil.

Ambu SPUR II is MR conditional and can be used in the MRI environment according to the following conditions:

- Static magnetic field of 7-Tesla or less
- Maximum spatial gradient field of 20,000 G/cm (200 T/m)

Ambu SPUR II is not intended to be in direct contact with a patient undergoing an MRI procedure.



KEY BENEFITS

Single-shutter valve system for reliable functionality

Integrated handle for user comfort and uniform compression

Thin-walled compression bag allows for lung compliance and “feel”

SafeGrip™ surface for secure handling in stressful environments

M-Port allows sidestream measuring of EtCO₂ or quick medication delivery without disconnecting the Ambu SPUR II from the ET tube

Easy attachment of manometer and PEEP valve

MR conditional

Ambu

MATERIAL

Product	Material
Bag	SEBS
Patient valve housing	Styren Butadien
Patient valve housing locking ring	Poly Carbonate
Expiratory connector	Styren Butadien
Splash guard	SEBS
Swirl	20% glass filled Poly Propylene
M-Port	Styren Butadien
M-Port insert	Styren Butadien
M-Port cap	Santoprene
Manometer port gap/tube adaptor	Poly Ethylene
Valve disc	Silicone
Inlet valve assembly	Styren Butadien
Inlet valve assembly glue	Modified Urethane Acrylate UV adhesive
O ₂ reservoir	Bag: Poly Ethylene Tube*: Poly Ethylene
O ₂ tube	PVC (Phthalate Free)
Pressure limiting valve spring	ABS
Pressure limiting valve spring	Stainless Steel

*Infant version only



SPUR II with bag reservoir



SPUR II infant with tube reservoir

SPECIFICATIONS

	Adult	Pediatric	Infant
Delivered volume	one hand 600 ml/ two hands 1000 ml	one hand 450 ml	one hand 150 ml
Resuscitator volume	approx. 1547 ml	approx. 683 ml	approx. 234 ml
Dimensions (length x diameter) w/o reservoir and accessory	approx. 284 x 127 mm	approx. 223 x 99 mm	approx. 190 x 71 mm
Weight w/o reservoir and accessory	approx. 220 g	approx. 145 g	approx. 70 g
Pressure-limiting valve	4.0 kPa (40 cm H ₂ O)*	4.0 kPa (40 cm H ₂ O)	4.0 kPa (40 cm H ₂ O)
Dead space	≤ 5 ml + 10% of the delivered volume	≤ 5 ml + 10% of the delivered volume	≤ 5 ml + 10% of the delivered volume
Inspiratory resistance without O ₂	Max. 0.50 kPa (5.0 cm H ₂ O) at 50 l/min	Max. 0.50 kPa (5.0 cm H ₂ O) at 50 l/min	Max. 0.10 kPa (1.0 cm H ₂ O) at 5 l/min
Expiratory resistance	Max. 0.27 kPa (2.7 cm H ₂ O) at 50 l/min	Max. 0.27 kPa (2.7 cm H ₂ O) at 50 l/min	Max. 0.2 kPa (2.0 cm H ₂ O) at 5 l/min
Reservoir volume	approx. 2600 ml (bag)	approx. 2600 ml (bag) approx. 380 ml (tube)	approx. 2600 ml (bag) approx. 380 ml (tube)
Patient connector: Outside	22 mm male (ISO 5356-1)	22 mm male (ISO 5356-1)	22 mm male (ISO 5356-1)
Patient connector: Inside	15 mm female (ISO 5356-1)	15 mm female (ISO 5356-1)	15 mm female (ISO 5356-1)
Expiratory connector (for PEEP valve attachment)	30 mm male (ISO 5356-1)	30 mm male (ISO 5356-1)	30 mm male (ISO 5356-1)
Forward and backward leak	Not measurable	Not measurable	Not measurable
M-Port	Standard Luer LS 6	Standard Luer LS 6	Standard Luer LS 6
Recommended operating temperature	-18° C to +50° C	-18° C to +50° C	-18° C to +50° C
Storage	Tested at -40° C and + 60° C according to EN ISO 10651-4	Tested at -40° C and + 60° C according to EN ISO 10651-4	Tested at -40° C and + 60° C according to EN ISO 10651-4

*Adult version also available without pressure limiting valve

Ambu FOREVER FORWARD

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