

Ambu® SPUR® II



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® SPUR® II

Ambu® SPUR® II provides users with exceptional tactile and visual feedback during resuscitation. The bag is highly responsive, with minimal mechanical resistance. Furthermore the characteristic 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 3.0 T or less
- Maximum spatial field gradient of 4,000 gauss/cm (40 T/m)

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

Material

Part	Raw material
Bag	SEBS
Patient valve housing	SB
Patient connector	PP
Splash guard (only available with Adult and Pediatric versions)	SEBS
Expiratory connector	PP
Patient valve disc	LSR (Liquid Silicone Rubber)
Luer connector	HIPS (High Impact Polystyrene)
Cap on M-Port	SEBS
Locking ring	PC
Valve in Pressure limiting valve	ABS
Lock in Pressure limiting valve	ABS
Override clip in Pressure limiting valve	PC
Spring in Pressure limiting valve	Stainless steel
Inlet valve housing	PC
Inlet valve housing cap	Adult and Pediatric: SB Infant: PC
Inlet valve disc	LSR (Liquid Silicone Rubber)
Reservoir bag	LDPE (Low-density polyethylene plastics)
Reservoir tube	EVA (Ethylene Vinyl Acetate copolymer) + PP (Polypropylene)
Oxygen tube	PVC
Manometer port cap / tube adaptor	PE

Specifications

	Adult	Paediatric	Infant
Delivered volume	one hand 600 ml/ two hands 1000 m	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 cmH ₂ O)	4.0 kPa (40 cmH ₂ O)	4.0 kPa (40 cmH 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 0.5 kPa (5.0 cmH ₂ O) at 50 l/min	Max 0.5 kPa (5.0 cmH ₂ O) at 50 l/min	Max 0.1 kPa (1.0 cmH ₂ O) at 5 l/min
Expiratory resistance	Max. 0.27 kPa (2.7 cmH ₂ O) at 50 l/min	Max. 0.27 kPa (2.7 cmH ₂ O) at 50 l/min	Max. 0.2 kPa (2.0 cmH ₂ O) at 5 l/min
Reservoir volume	approx. 2600 ml (bag)	approx. 2600 ml (bag) approx. 380 ml (tube)	approx. 300 ml (bag) approx. 100 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



SPUR® II with bag reservoir



SPUR® II infant with tube reservoir

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Ordering specifications

Item number	Description	M-Port	Face Mask (w. Check Valve)	Bag Reservoir	Tube Reservoir	Pressure Limiting Valve	Oxygen Tube	Quantity per Box
325 001 000	Ambu® SPUR® II Adult	x		x			2,15 m / 7 ft	12
325 002 000	Ambu® SPUR® II Adult	x	Medium	x			2,15 m / 7 ft	12
325 003 000	Ambu® SPUR® II Adult	x	Medium	x			2,15 m / 7 ft	6
325 012 000	Ambu® SPUR® II Adult	x	Medium	x		x	2,15 m / 7 ft	12
325 021 000	Ambu® SPUR® II Adult		Medium	x			2,15 m / 7 ft	12
325 022 000	Ambu® SPUR® II Adult		Large, Medium	x			4,27 m / 14 ft	12
325 023 000	Ambu® SPUR® II Adult, Demand valve version	x	Medium	x			2,15 m / 7 ft	12
325 025 000	Ambu® SPUR® II Adult	x	Medium	x		x	3,05 m / 10 ft	12
325 026 000	Ambu® SPUR® II Adult, PEEP Valve 20 (disp)	x	Medium	x		x	3,05 m / 10 ft	6
325 027 000	Ambu® SPUR® II Adult, PEEP Valve 20 (disp)		Large, Small	x		x	2,15 m / 7 ft	6
325 029 000	Ambu® SPUR® II Adult	x	Large, Medium, Small	x		x	2,15 m / 7 ft	6
325 030 000	Ambu® SPUR® II Adult, PEEP Valve 20 (disp)		Medium	x		x	4,27 m / 14 ft	12
325 031 000	Ambu® SPUR® II Adult, PEEP Valve 20 (disp)		Medium	x		x	2,15 m / 7 ft	12
325 032 000	Ambu® SPUR® II Adult, Demand valve version			x				12
330 021 000	Ambu® SPUR® II Paediatric		Infant	x		x	2,15 m / 7 ft	12
330 023 000	Ambu® SPUR® II Paediatric, Demand valve version		Infant	x		x	2,15 m / 7 ft	12
330 025 000	Ambu® SPUR® II Paediatric, PEEP Valve 20 (disp), Manometer	x	Toddler	x		x	3,05 m / 10 ft	6
330 026 000	Ambu® SPUR® II Paediatric, PEEP Valve 20 (disp), Manometer		Infant		x	x	2,15 m / 7 ft	6
330 027 000	Ambu® SPUR® II Paediatric, Splash guard	x	Toddler, Infant, Neonate	x		x	2,15 m / 7 ft	6
330 030 000	Ambu® SPUR® II Paediatric, PEEP Valve 20 (disp)	x	Toddler	x		x	2,15 m / 7 ft	12
330 031 000	Ambu® SPUR® II Paediatric, Demand valve version			x		x		12
330 032 000	Ambu® SPUR® II Paediatric, Demand valve version		Toddler	x		x	2,15 m / 7 ft	12
330 001 000	Ambu® SPUR® II Paediatric	x		x		x	2,15 m / 7 ft	12
330 002 000	Ambu® SPUR® II Paediatric	x	Neonate	x		x	2,15 m / 7 ft	12
330 003 000	Ambu® SPUR® II Paediatric	x	Infant	x		x	2,15 m / 7 ft	12
330 004 000	Ambu® SPUR® II Paediatric	x	Toddler	x		x	2,15 m / 7 ft	12
330 005 000	Ambu® SPUR® II Paediatric	x	Toddler, Infant	x		x	2,15 m / 7 ft	12
330 006 000	Ambu® SPUR® II Paediatric	x	Toddler, Infant	x		x	2,15 m / 7 ft	6
335 001 000	Ambu® SPUR® II Infant	x			x	x	2,15 m / 7 ft	12
335 002 000	Ambu® SPUR® II Infant	x	Neonate		x	x	2,15 m / 7 ft	12
335 003 000	Ambu® SPUR® II Infant	x	Infant		x	x	2,15 m / 7 ft	12
335 102 000	Ambu® SPUR® II Infant	x	Neonate	x		x	2,15 m / 7 ft	12
335 103 000	Ambu® SPUR® II Infant	x	Infant	x		x	2,15 m / 7 ft	12
335 031 000	Ambu® SPUR® II Infant			x		x	2,15 m / 7 ft	12
335 022 000	Ambu® SPUR® II Infant		Neonate			x	2,15 m / 7 ft	12
335 025 000	Ambu® SPUR® II Infant, PEEP Valve 20 (disp), Manometer	x	Infant, Neonate	x		x	2,15 m / 7 ft	12
335 026 000	Ambu® SPUR® II Infant, Splash guard, PEEP Valve 20 (disp), Manometer	x	Infant, Neonate		x	x	2,15 m / 7 ft	12
335 027 000	Ambu® SPUR® II Infant, Splash guard, PEEP Valve 20 (disp), Manometer	x	Infant		x	x	2,15 m / 7 ft	12
335 028 000	Ambu® SPUR® II Infant, Manometer	x	Neonate		x	x	2,15 m / 7 ft	12
335 029 000	Ambu® SPUR® II Infant, PEEP Valve 20 (disp), Manometer	x	Neonate	x		x	2,15 m / 7 ft	12
335 030 000	Ambu® SPUR® II Infant, PEEP Valve 20 (disp)	x	Infant	x		x	2,15 m / 7 ft	12

12 pcs. per box = compressed, 6 pcs. per box = expanded