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 may be used in an MRI environment under the following conditions:
– Static magnetic field of 7 Tesla and less, with:
– Maximum spatial field gradient of 10,000 G/cm (100 T/m)
– Maximum force product of 450,000,000 G²/cm (450 T²/m)

The device should not be used inside the MR bore during an ongoing procedure as this may influence the MR image quality.

The Ambu SPUR II resuscitator is also available in a version that may be used with oxygen demand valves (sizes adult and paediatric only). The purpose of the demand valve is to delivery 100% oxygen to the patient on a consistent basis without wasting any surplus oxygen when the resuscitator is not used.

Ambu® SPUR® II

KEY BENEFITS

Single-shutter valve system for reliable functionality

Integrated handle for user comfort and uniform compression

Thin and responsive bag with minimal mechanical resistance

SafeGrip™ surface for secure handling in stressful environments

M-Port allows sidestream measuring of et CO_2 or quick medication delivery without disconnecting the Ambu SPUR II from the ET tube

Easy attachment of manometer and PEEP valve

MR Conditional

MATERIALS

Parts	Raw materials	Parts	Raw materials
Bag	SEBS	Override clip in Pressure limiting valve	PC
Patient valve housing	SBC	Spring in Pressure limiting valve	Stainless steel
Patient Connector	PP	Inlet valve housing	PC
Splash guard	SEBS	Inlet valve housing cap	Adult and Pediatric: SB Infant: PC
Expiratory connector	SBC	Inlet valve disc	LSR (Liquid Silicone Rubber)
Patient valve disc	Silicone rubber	Reservoir bag	LDPE (Low-density polyethylene plastics)
Luer connector	Polystyrene (PS)	Reservoir tube	EVA (Ethylene Vinyl Acetate copolymer) + PP (Polypropylene)
Cap on M-Port	SEBS	Oxygen tube	PVC
Locking ring	PC	Manometer port cap	PE
Valve in Pressure limiting valve	ABS	Reservoir housing	PC
Lock in Pressure limiting valve	ABS	Reservoir housing cap	SBC

Ambu

SPECIFICATIONS

	Adult	Pediatric	Infant
Stroke volume*	one hand 600 ml two hands 1000 ml	450 ml	150 ml
Resuscitator volume	Approx. 1510 ml	Approx. 670 ml	Approx. 220 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 cmH₂O)	4.0 kPa (40 cmH₂O)	4.0 kPa (40 cmH₂O)
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	Max. 0.50 kPa (5.0 cmH₂O) at 50 l/min	Max. 0.50 kPa (5.0 cmH₂O) at 50 l/min	Max. 0.10 kPa (1.0 cmH₂O) at 5 l/min
Expiratory resistance	Max. 0.27 kPa (2.7 cmH₂O) at 50 l/min	Max. 0.27 kPa (2.7 cmH₂O) at 50 l/min	Max. 0.2 kPa (2.0 cmH₂O) at 5 l/min
Reservoir volume	Approx. 2600 ml (bag)	Approx. 2600 ml (bag)	Approx. 300 ml (bag) Approx. 100 ml (tube)
Patient connector	Outside 22 mm male (ISO 5356-1) – Inside 15 mm female (ISO 5356-1)		
Expiratory connector (for PEEP valve attachment)	30 mm male (ISO 5356-1)		
Forward and backward leak	Not measurable		
M-Port	Connector compatible with EN ISO 80369-7		
Operation temperature limits	-18 °C to +50 °C (-0.4 °F to +122 °F), tested according to EN ISO 10651-4		
Storage temperature limits	-40 °C to +60 °C (-40 °F to +140 °F), tested according to EN ISO 10651-4		
Demand Valve connector	Inside 32 mm female (ISO 10651-4)	Inside 32 mm female (ISO 10651-4)	–
O₂ inlet connector	According to EN 13544-2		

*Tested according to EN ISO 10651-4

**Higher delivery pressure can be obtained by overriding the pressure-limiting valve

SPUR II infant with tube reservoir

ORDERING SPECIFICATIONS

Description	Item no.	Face Mask	Bag Reservoir	Tube Reservoir	Pressure Limiting Valve	Quantity per Box
Ambu SPUR II Adult	325002000*, 325025000*	M	o		o	12
	325030000*, **, 325031000*, **	M	o		o	12
	325011000*, 325022000*	M, L	o		o	12
	325014000	Tod, M	o		o	12
	325029000	S, M, L	o		o	6
	325026000***	M	o		o	6
	325027000***	S, L	o		o	6
	325001000	–	o		o	12
Ambu SPUR II Paediatric	330002000	Neo	o		o	12
	330003000	Inf	o		o	12
	330004000	Tod	o		o	12
	330009000	Inf, Tod (No check valve)	o		o	12
	330006000	Inf, Tod	o		o	6
	330027000	Neo, Inf, Tod	o		o	6
	330030000*, **	Tod	o		o	12
	330025000 *, ***, 330030001*, ***	Tod	o		o	6
	330001000	–	o		o	12
Ambu SPUR II Infant	335103000*, 335030000*, **	Inf	o		o	12
	335029000*, ***	Inf	o		o	12
	335025001*, ***	Neo, Inf	o		o	12
	335102000*, 335112000*, ***	Neo	o		o	12
	335025000*, ***	Neo, Inf	o		o	12
	335002000*, 335028000*, ***	Neo		o	o	12
	335003000*, 335027000*, ***	Inf		o	o	12
	335003001	Neo		o	o	12
	335026000***	Neo, Inf		o	o	12
Ambu SPUR II Adult Demand Version	325023000	M			o	12
	325026001***	M			o	6
Ambu SPUR II Paediatric Demand Version	330032000	Tod			o	12
	330023000	Inf			o	12

*Products that contain the same components will contain different lengths of oxygen tubing

**Products also supplied with PEEP valve

***Products also supplied with PEEP valve and manometer

CE 2797   US: Rx only