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



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 cmH $_2$ O) 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						
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)	-			
O ₂ inlet connector		According to EN 13544-2				



SPUR II infant with tube reservoir

*Tested according to EN ISO 10651-4

ORDERING SPECIFICATIONS

No	Description	Item no.	Face Mask	Bag Reservoir	Tube Reservoir	Pressure Limiting Valve	Quantity per Box
Ambu SPUR II Adult Ambu SPUR II Adult Ambu SPUR II I I I I I I I I I I I I I I I I I	Ambu SPUR II Adult	325002000*, 325025000*	M	0		0	12
Ambu SPUR II Adult 325014000 Tod, M o o 12 325029000 S, M, L o o 6 325026000**** M o o 6 325027000**** S, L o o 6 325021000 - o o 12 330002000 Neo o o 12 330004000 Inf o o o 12 330009000 Inf, Tod (No check valve) o o 12 330007000 Inf, Tod (No check valve) o o 6 330027000 Neo, Inf, Tod o o 6 330025000*, ****, 330030000*, **** Tod o o 12 330025000*, ****, 330030000*, *** Inf o o 12 335025000*, **** Neo, Inf o o 12 335025000*, **** Neo, Inf o o 12 335025000*, **** Neo, Inf o o 12 335003000*, 335120000*, **** Neo o o			M	0		0	12
Ambu SPUR II Adult 325029000 S, M, L o o 6 325026000*** M o o 6 325027000*** S, L o o 6 325027000*** S, L o o 12 330002000 Neo o o 12 330003000 Inf o o 12 330004000 Tod o o 12 330009000 Inf, Tod (No check valve) o o 12 330027000 Neo, Inf, Tod o o 6 330025000*, ****, 33003000*, *** Tod o o 12 330025000*, ****, 33003000*, *** Inf o o 12 335025000*, **** Inf o o 12 335025000*, **** Neo, Inf o o 12 335025000*, **** Neo, Inf o o 12 33503000*, 335025000*, **** Neo o o 12 <td>325011000*, 325022000*</td> <td>M, L</td> <td>0</td> <td></td> <td>0</td> <td>12</td>		325011000*, 325022000*	M, L	0		0	12
Section Sect		325014000	Tod, M	0		0	12
325027000*** S, L		325029000	S, M, L	0		0	6
325001000		325026000***	M	0		0	6
STATE STAT		325027000***	S, L	0		0	6
33003000		325001000	-	0		0	12
Ambu SPUR II Paediatric 330004000 Tod o o 12 330004000 Inf, Tod (No check valve) o o 0 12 Ambu SPUR II Paediatric 330006000 Inf, Tod o o 0 6 330027000 Neo, Inf, Tod o o 0 6 330027000 Neo, Inf, Tod o o 0 6 330025000*, ****, 330030001*, **** Tod o o 0 12 330025000*, ****, 330030001*, **** Tod o o 0 12 335103000*, 3353030000*, ** Inf o o 0 12 335103000*, 335303000*, ** Inf o o 0 12 335029000*, **** Neo, Inf o o 0 12 335025001*, *** Neo, Inf o 0 0 12 335025001*, *** Neo, Inf o 0 0 12 335002000*, 335112000*, *** Neo o 0 12 335002000*, 335028000*, *** Neo o 0 12 335003000*, 335028000*, *** Neo o 0 12 335003000*, 335028000*, *** Neo o 0 12 335003000*, 335028000*, *** Neo o 0 0 12 335003000*, 335028000*, *** Neo, Inf o 0 0 12 335003000*, 335028000*, *** Neo, Inf o 0 0 12 335003000*, 335028000*, *** Neo, Inf o 0 0 12 335003000*, 335028000*, *** Neo, Inf o 0 0 12 335003000*, 335028000*, *** Neo, Inf o 0 0 12 335003000*, 335028000*, *** Neo, Inf o 0 0 12 335003000*, 335028000*, *** Neo, Inf o 0 0 12 335003000*, 335028000*, *** Neo, Inf o 0 0 0 12 335003000*, 335028000*, *** Neo, Inf o 0 0 0 12 335003000*, 335028000*, *** Neo, Inf o 0 0 0 12 335003000*, 335028000*, *** Neo, Inf o 0 0 0 12 335003000*, 335028000*, *** Neo, Inf o 0 0 0 12 335003000*, 335028000*, *** Neo, Inf o 0 0 0 12 335003000*, 335028000*, *** Neo, Inf o 0 0 0 12 3000*, 335028000*, *** Neo, Inf o 0 0 0 12 3000*, 335028000*, *** Neo, Inf o 0 0 0 12 3000*, 335028000*, *** Neo, Inf o 0 0 0 0 12 3000*, 335028000*, *** Neo, Inf o 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		330002000	Neo	0		0	12
Ambu SPUR II Paediatric 330009000		330003000	Inf	0		0	12
Ambu SPUR II Paediatric 330006000 Inf, Tod o o 6 330027000 Neo, Inf, Tod o o 6 330027000 Neo, Inf, Tod o o 6 330027000 Neo, Inf, Tod o o 0 12 330025000 *, ***, 330030001*, *** Tod o o o 12 330001000 - o o 0 12 335103000*, 335030000*, ** Inf o o o 12 335025001*, *** Inf o o o 12 335025001*, *** Neo, Inf o o 0 12 335025001*, *** Neo, Inf o o 0 12 335002000*, 335112000*, ** Neo, Inf o o 0 12 335002000*, 335025000*, ** Neo, Inf o 0 0 12 335002000*, 335025000*, ** Neo, Inf o 0 0 12 335002000*, 335025000*, *** Neo o 0 12 335002000*, 335027000*, *** Neo o 0 12 335003000*, 335027000*, *** Neo o 0 12 335003000*, 335027000*, *** Neo, Inf o 0 0 12 335003000*, 335027000*, *** Neo, Inf o 0 0 12 335003000*, 335027000*, *** Neo, Inf o 0 0 12 335003000*, 335027000*, *** Neo, Inf o 0 0 12 350000*, 335027000*, *** Neo, Inf o 0 0 0 12 350000*, 335027000*, *** Neo, Inf o 0 0 0 12 350000*, 335027000*, *** Neo, Inf o 0 0 0 12 350000*, 335027000*, *** Neo, Inf o 0 0 0 12 350000*, 335027000*, *** Neo, Inf o 0 0 0 12 350000*, 335027000*, *** Neo, Inf o 0 0 0 12 350000*, 335027000*, *** Neo, Inf o 0 0 0 12 350000*, 335027000*, *** Neo, Inf o 0 0 0 12 350000*, 335027000*, *** Neo, Inf o 0 0 0 12 350000*, *** Neo, Inf o 0 0 0 12 350000*, *** Neo, Inf o 0 0 0 12 350000*, *** Neo, Inf o 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		330004000	Tod	0		0	12
330027000 Neo, Inf, Tod 0 0 6		330009000	Inf, Tod (No check valve)	0		0	12
Section Sect	Ambu SPUR II Paediatric	330006000	Inf, Tod	0		0	6
330025000 *, ***, 330030001*, *** Tod		330027000	Neo, Inf, Tod	0		0	6
33001000		330030000*, **	Tod	0		0	12
335103000*, 335030000*, *** Inf		330025000 *, ***, 330030001*, ***	^r Tod	0		0	6
335029000*, *** Inf 0		330001000	-	0		0	12
Ambu SPUR II Infant 335025001*, *** Neo, Inf o o 12 Ambu SPUR II Infant 335025000*, *** Neo, Inf o o 12 335002000*, 335112000*, *** Neo, Inf o o 12 335002000*, 335028000*, *** Neo o 0 12 335003000*, 335027000*, *** Inf o o 0 12 335003001 Neo o 12 3350026000*** Neo, Inf o o 0 12 Ambu SPUR II Adult 325023000 M o 12 Demand Version 325026001*** M o 6 Ambu SPUR II Paediatric 330032000 Tod	Ambu SPUR II Infant	335103000*, 335030000*, **	Inf	0		0	12
Ambu SPUR II Infant 335102000*, 335112000*, *** Neo		335029000*, ***	Inf	0		0	12
Ambu SPUR II Infant 335025000*, *** Neo, Inf o o 12 335002000*, 335028000*, *** Neo o o o 12 335003000*, 335027000*, **** Inf o o o 12 335003001 Neo o o o 12 335026000*** Neo, Inf o o o 12 Ambu SPUR II Adult Demand Version 325023000 M o o o 6 Ambu SPUR II Paediatric 330032000 Tod o o 12		335025001*, ***	Neo, Inf	0		0	12
335002000*, 335028000*, *** Neo		335102000*, 335112000*, ***	Neo	0		0	12
335003000*, 335027000*, *** Inf o o 12 335003001 Neo o o 12 335026000*** Neo, Inf o o 12 Ambu SPUR II Adult 325023000 M o o 12 Demand Version 325026001*** M o o 6 Ambu SPUR II Paediatric 330032000 Tod o 12		335025000*, ***	Neo, Inf	0		0	12
335003001 Neo o o 12 335026000*** Neo, Inf o o 12 Ambu SPUR II Adult 325023000 M o 12 Demand Version 325026001*** M o 6 Ambu SPUR II Paediatric 330032000 Tod o 12		335002000*, 335028000*, ***	Neo		0	0	12
335026000*** Neo, Inf o o 12 Ambu SPUR II Adult Demand Version 325023000 M o 12 Demand Version 325026001*** M o 6 Ambu SPUR II Paediatric 330032000 Tod o 12		335003000*, 335027000*, ***	Inf		0	0	12
Ambu SPUR II Adult 325023000 M o 12 Demand Version 325026001*** M o 6 Ambu SPUR II Paediatric 330032000 Tod o 12		335003001	Neo		0	0	12
Demand Version 325026001*** M o 6 Ambu SPUR II Paediatric 330032000 Tod o 12		335026000***	Neo, Inf		0	0	12
Ambu SPUR II Paediatric 330032000 Tod o 12	Ambu SPUR II Adult	325023000	M			0	12
	Demand Version	325026001***	M			0	6
	Ambu SPUR II Paediatric	330032000	Tod			0	12
12	Demand Version	330023000	Inf			0	12



■ Ambu A/S

Baltorpbakken 13 2750 Ballerup Denmark T +45 72 25 20 00 ambu.com *Products that contain the same components will contain different lengths of oxygen tubing

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

^{**}Products also supplied with PEEP valve

^{***}Products also supplied with PEEP valve and manometer