

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 represents a complete family of resuscitators, including infant, pediatric, and adult sizes. All Ambu SPUR II resuscitators come in individual, resealable plastic carrying bags, complete with one or more masks and any special accessories. The bags themselves are color-coded for fast identification of infant, pediatric, and adult sizes.

KEY FEATURES

- Unique 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
- Medication port permits quick medication delivery without disconnecting the Ambu SPUR II from the ET tube
- Easy attachment of manometer and PEEP valve

SPECIFICATIONS ADULT:

Stroke volume: one hand	800 ml
two hands	1100 ml
Resuscitator volume:	1475 ml
Dimensions (length x diameter):	295 x 127 mm
Weight incl. reservoir O ₂ tube and mask:	314 g
Pressure limiting valve*:	4,0 kPa (40 cm H ₂ O)
Dead space:	<6 ml
Inspiratory resistance without O ₂ :	
Max.	0.50 kPa (5.0 cm H ₂ O) at 50 l/min
Expiratory resistance:	
Max.	0.27 kPa (2.7 cm H ₂ O) at 50 l/min

* Adult version also available without pressure limiting valve

Bag reservoir volume:	2600 ml
Patient connector:	
Outside:	22 mm male (ANSI/ISO)
Inside:	15 mm female (ANSI/ISO)
Expiratory connector (for PEEP valve attachment):	
	30 mm male (ISO)
Forward and backward leak:	Not measurable
MediPort:	Standard Luer LS 6
Recommended operating temperature:	-18°C to +50°C
Storage:	Tested at -40°C and +60°C according to EN ISO 10651-4:2002 and ASTM F 920-93



SPUR II With bag reservoir.



SPUR II infant with tube reservoir

SPECIFICATIONS PEDIATRIC:

Stroke volume:	450 ml
Resuscitator volume:	635 ml
Dimensions (length x diameter):	234 x 99 mm
Weight incl. reservoir O ₂ tube and mask:	215 g
Pressure limiting valve:	4,0 kPa (40 cm H ₂ O)
Dead space:	<6 ml
Inspiratory resistance without O ₂ :	
Max. 0.50 kPa (5.0 cm H ₂ O) at 50 l/min	
Expiratory resistance:	
Max. 0.3 kPa (3.0 cm H ₂ O) at 50 l/min	

Bag reservoir volume:	2600 ml
Patient connector:	
Outside:	22 mm male (ANSI/ISO)
Inside:	15 mm female (ANSI/ISO)
Expiratory connector (for PEEP valve attachment):	
30 mm male (ISO)	
Forward and backward leak:	Not measurable
MediPort:	Standard Luer LS 6
Recommended operating temperature:	-18°C to +50°C
Storage:	Tested at -40°C and +60°C according to EN ISO 10651-4:2002 and ASTM F 920-93

SPECIFICATIONS INFANT:

Stroke volume:	150 ml
Resuscitator volume:	220 ml
Dimensions (length x diameter):	168 x 71 mm
Weight incl. reservoir (bag), O ₂ tube, and mask:	140 g
Weight incl. reservoir (tube), O ₂ tube, and mask:	140 g
Pressure limiting valve:	4,0 kPa (40 cm H ₂ O)
Dead space:	<6 ml
Inspiratory resistance without O ₂ :	
Max. 0.10 kPa (1.0 cm H ₂ O) at 5 l/min	
Expiratory resistance:	
Max. 0.1 kPa (1.0 cm H ₂ O) at 5 l/min	

Bag reservoir volume:	300 ml
Tube reservoir:	
Length	245 mm (10")
Diameter	22 mm (7/8")
Volume	100 ml
Patient connector:	
Outside:	22 mm male (ANSI/ISO)
Inside:	15 mm female (ANSI/ISO)
Expiratory connector (for PEEP valve attachment):	
30 mm male (ISO)	
Forward and backward leak:	Not measurable
MediPort:	Standard Luer LS 6
Recommended operating temperature:	-18°C to +50°C

PART	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
MediPort	Styren Butadien
MediPort insert	Styren Butadien
MediPort cap	Santoprene
Manometer port cap / tube adaptor	Poly Ethylene

* Infant version only

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	SEBS
Pressure limiting valve	ABS
Pressure limiting valve spring	Stainless Steel



Ambu

Ambu A/S
 Baltorpbakken 13
 DK-2750 Ballerup
 Tel: +45 72 25 20 00
 Fax: +45 72 25 20 50
 www.ambu.com