

Ambu® SPUR® II with VII Exhalation Filter

OPTIMAL VENTILATION FOR PATIENTS. PROTECTION FOR CAREGIVERS.

For many years, the SPUR II resuscitator from Ambu has provided life-sustaining patient care both inside & out of the hospital. Now with the addition of the new Virobac II® viral/bacterial exhalation filter, it also helps protect your clinicians from airborne pathogens.

The SPUR II with VII exhalation filter is offered in several different configurations with various accessories including PEEP valves, manometers, and gas sampling lines for capnography. Please work with your Ambu Sales Representative to determine which configuration will best meet your clinical needs.



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

KEY BENEFITS

Bacterial & viral efficiency of $\geq 99.99\%$

Delivers tidal volumes which meet AHA standards for cardiopulmonary resuscitation*

Integrated handle and rapid recoil to help reduce user fatigue

Thin bag walls to better gauge patient lung compliance

Lightweight design helps reduce cost of medical waste disposal

Made without PVC or DEHP to lessen environmental impact

*www.ahajournals.org/doi/full/10.1161/CIRCULATIONAHA.110.970939

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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 ml
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

Virobac II Exhalation Filter

Filtration Efficiency (BFE/VFE)	≥99.99%
Expiratory resistance	< 1.6 cm H ₂ O (50 l/min)

Additional product test information available upon request



ViroBac II® Exhalation Filter

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US: Rx only