RAMPART
COLOR-CODED TRAUMA SYSTEM

RESPIRATION

SAVe II+
VENTILATOR

The SAVe II+ ventilator is a small, extremely durable, portable mechanical ventilator designed to provide life-saving mechanical ventilation in pre-hospital, aeromedical, and field hospitals. The SAVe II+ is not a full-featured ICU ventilator; however, it can extend response capabilities for surge requirements during a pandemic or mass-casualty situation for adult patients weighing at least 45kg.

TACTICAL COMBAT CASUALTY CARE CONFIGURATION

Built for the battlefield, the SAVe II+ is durable, portable, and powered for up to 9.25 hours by battery or AC power. The SAVe II+ is designed for trauma medics where size, weight, and extreme ease of use are paramount. Simply select the patient's height, and the device dials in a preset tidal volume of 6mL/kg of the patient's ideal body weight. This can help reduce operator error and eliminates the guesswork associated with bagging in a high-stress environment or setting up an overly-complicated transport vent.

IN ANY ENVIRONMENT

The ease of use, portability, and long battery life make the SAVe II+ well-suited to provide life-saving mechanical ventilation to the developing world, field hospitals, or other environments without ICU equipment. The design of the SAVe II+ enables safe and effective use with minimal training.

Preset buttons provide ARDSNet-compliant rate/volume based on the ideal body weight for a given patient.

Adjustable PIP (10–60) and PEEP (0–20).

Supports minute ventilation up to 12.5 LPM.

Accepts low-pressure supplemental oxygen to provide up to 100% FiO2.

Runs for up to 9.25 hours per full battery charge.

Detects blockages and disconnects.

Durable, lightweight, compact design.

visit **safeguardmedical.com**
call **(US) +1 (855) 428-6074** / **(Int'l) +44 (0) 1568 613942**
email **(US) info@safeguardmedical.com** / **(Int'l) sales.admin@safeguardmedical.com**

SAFEGUARD MEDICAL™

SGM-MKT-SV2P-01 Rev 001

SPECIFICATIONS

PN	70110H	**NSN**	6515-01-696-5218
Device dims.	6.5" x 6.25" x 2" (16.5 x 15.9 x 5.1cm)	**Device weight**	2.8lbs (1.3kg)
Case dims.	14" x 16" x 7" (35.6 x 40.6 x 17.8cm)	**Case weight**	9.9lbs (4.5kg)

DESIRED SURGE PERFORMANCE CHARACTERISTICS[1]		SAVe II+ PERFORMANCE CHARACTERISTICS
Dimensions	Small enough to carry	6.5" x 6.25" x 2" (16.5cm x 15.9cm x 5.1cm)
Weight	<22lbs (10kg)	2.8lbs (1.3kg)
Flow rate	Not specified	0–40 LPM
I:E ratio	Not specified	1:2
Respiratory rate	6–35 BPM	8–30 BPM
Tidal volume	250–750mL	200–800mL
Peak inspiratory pressure (cmH_2O)	<30	10–60
Peak end expiratory pressure (cmH_2O)	5–15	0–20
Battery duration	>4 hours	8.25–9.25 hours
FiO2	21%–100%	✓
Controls	• Separate TV & RR control • Monitor airway pressure	✓ ✓
Meets ARDSNet guidelines	Yes	✓
Price (USD)	<$10,000	✓
Mode	Volume control verification	✓
Country	USA	✓
Alarms	• Circuit disconnect • High airway pressure • Low airway pressure • Loss of electrical power • Loss of high-pressure gas	✓ ✓ ✓ ✓ ✓
Ease of use	Body-weight prediction based on height	✓

1. Surge Capacity Mechanical Ventilation, Respiratory Care, Jan 2008 Vol 53 No 1, Branson et al

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