



Clearing The Airway Is Our #1 Priority



SSCOR EMS Suction Device Comparison Sheet

Model	SSCOR VX-2 w/Charging Bracket	S-SCORT III Suction Unit	SSCOR Quickdraw Alkaline
MSRP price (Spring 2024)	\$1,407.00	\$817.00	\$749.00
Latex free	Yes	Yes	Yes
IP rating	IP34	N/A	IP44
Size	17" L x 9" H x 5.25" W 803.25 Cubic Inches	8"H x 7"W x 11"L 616 Cubic Inches	10.5" L x 4.5" H x 4.35" W 205.53 Cubic Inches
Weight	8.6 lbs. (3.9 kg) without bracket	7 lbs. (3.18 Kgs.)	2.6 lbs. or 1.18 kg
Medical device classification	Class 2	Class 2	Class 2
Operating temperature range	(32°F or 0°C) to 102°F or +39°C	(32°F or 0°C) to 104°F or 40°C	(32°F or 0°C) to 104°F or 40°C
Storage temperature range	(-40°F/C) to (158°F or 70°C)	(-40°F/C) to (122°F or 50°C)	(-40°F/C) to (122°F or 50°C)
Field serviceable	Yes	Yes	Yes
4 foot drop tested	Yes	Yes	Yes
Construction	Injection Molded	Foam Core, Vinyl Coated Nylon Case	Injection Molded
Country of origin	— Assembled in the USA of Imported and Domestic Parts —		
High vacuum high flow	Yes	Yes	Yes
Vacuum settings	Variable Regulator	2 position High and Low Regulator	2 position High and Low Regulator
Vacuum range	<50 to >525mmHg	120mmHg +/- 15% and >525mmHg	80 - 100mmHg and > 500mmHg
Vacuum max	>525mmHg	>525mmHg	>500mmHg
Air flow	>30 LPM	>30 LPM	12 LPM*
Battery cost MSRP	\$77.00	\$77.00	\$47.30
Battery indicator light	Yes	No	Yes
Battery operation time	45 minutes +/- 10%	30 - 45 minutes	Alkaline Battery Pack: 180 minutes. AAA Battery Holder: 60-100 minutes.
3 year battery replacement	Yes	No	N/A
Battery type	Lead-Acid (12V, 2.8 Ah)	Lead-Acid (12V, 2.8 Ah)	SSCOR Alkaline Battery Pack or 'off the shelf' AAA Alkaline Batteries.
External battery charger	Yes	DC (AC available)	N/A
Battery charge time	6 Hours	6 Hours	No Charging (Alkaline batteries)
Battery options	No	No	Alkaline battery & AAA battery holder (used with off the shelf AAA Alkaline or nimh batteries).
Power cord	DC	DC	N/A
SAE J3043 compliant	Yes (with optional retention clip)	N/A	N/A
Retention bracket	Yes	N/A	N/A
Charging retention bracket	Yes	N/A	N/A
Retention bracket tolerable force	25G; SAE J3043 Compliant	N/A	N/A
Disposable canister options (reusable canister N/A)	Default: Bemis 1200cc/ml canister Various with Universal Canister Holder.	Default: Bemis 1200cc/ml canister Various with Universal Canister Holder.	SSCOR Barbed Canister
Canister capacity	Default: Bemis 1200cc/ml canister Various with Universal Canister Holder.	Default: Bemis 1200cc/ml canister Various with Universal Canister Holder.	300cc SSCOR Quickdraw Canister

*UCLA Center for Pre-hospital Care Suction Study detailing the suction efficiency of the Quickdraw: https://www.sscor.com/quickdraw_alkaline_specs

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