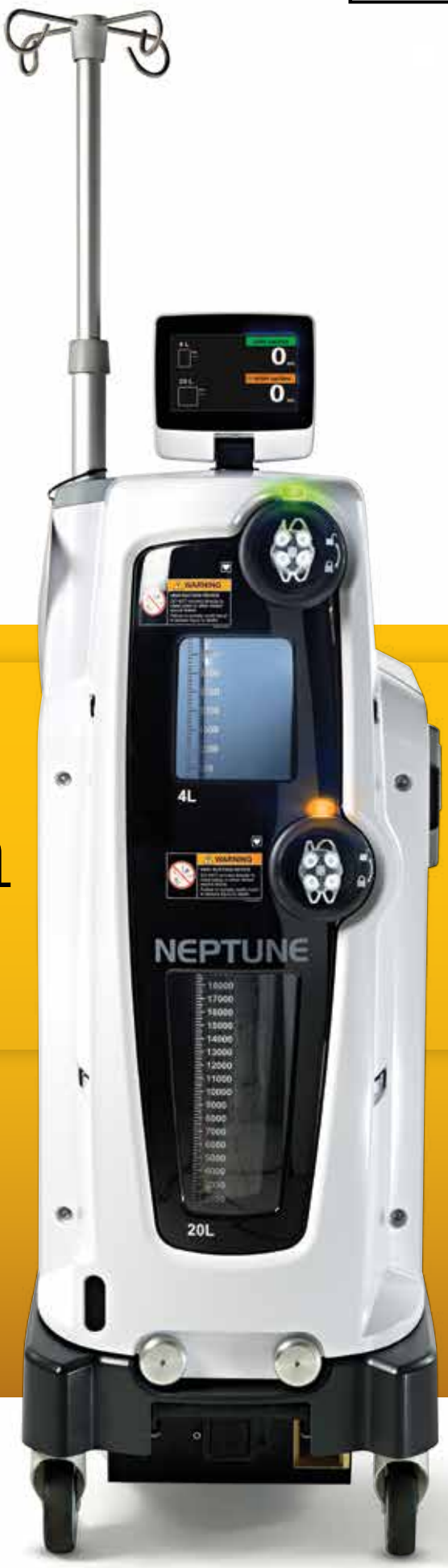
Item # 2a

stryker

Neptune® 3

Waste Management System

Moving surgical suction **forward**



14 Specifications

Model:	Neptune 3 Rover
REF:	0703-001-000
Electrical Power Requirements:	120 V ~, 60 Hertz (Hz), 12.0 Amps (A), single phase 20 V ⎓ , 3 A during docking procedure; rover receives power from docker REF 0702-014-000
Product Safety Certification:	**Canadian Standards Association (CSA) International** **American National Standards Institute (ANSI)/Association for the Advancement of Medical Instrumentation (AAMI)** *ANSI/AAMI ES60601-1:2005/(R) 2012 and A1: 2012, Medical Electrical Equipment — Part 1: General Requirements for Basic Safety and Essential Performance*; Consolidated Reprint (2009); Amendment 2 (2010); 3rd Edition, 3.1, includes Amendment 1 (2012).
Product Safety Compliance:	**International Electrotechnical Commission (IEC)** *IEC 60601-1:2005, Medical Electrical Equipment — Part 1: General Requirements for Basic Safety and Essential Performance*; IEC Corrigendum 1 (2006); IEC Corrigendum 2 (2007) + AM1:2012 *IEC 60601-1-6:2010 (Third Edition) + A1:2013, Medical Electrical Equipment – Part 1-6: General Requirements for Basic Safety and Essential Performance* *IEC 62366-1:2007 (First Edition) + A1:2014, Medical Devices - Part 1: Application of Usability Engineering to Medical Devices* *IEC 60601-1-8:2006 (Second Edition) + AM1:2012, Medical Electrical Equipment – Part 1-8: General Requirements for Basic Safety and Essential Performance – Collateral Standard: General Requirements, Tests and Guidance for Alarm Systems in Medical Electrical Equipment and Medical Electrical Systems* *IEC 62304:2006 (First Edition), Medical Device Software – Software Life Cycle Processes* *IEC 62471:2006 (First Edition), Photobiological safety of lamps and lamp systems*
Dimensions:	
Width:	48.3 cm [19 inch]
Height:	259 cm [102 inch] with powered IV pole at maximum height; 177.8 cm [70 inch] with powered IV pole at minimum height
Depth:	58.4 cm [23 inch]
Mode of Operation:	Continuous
Sound Pressure:	Medium Priority Alarm, 57 - 62 dB (not adjustable, see *IEC 60601-1-8: 2006 (Second Edition) + AM1:2012*)
Adjustable Suction Limit:	50 to 520 mm-Hg; measured with all ports closed
Vacuum Measurement Accuracy:	± 5% of full scale (± 26 mm-Hg)
Suction Limit Accuracy:	≤ 26 mm-Hg or 10% of setting

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Mass:	131 kg [288 lb] - collection canisters empty (prefill only) 155 kg [341 lb] - collection canisters full	
Volume:	24-liter capacity (combination of 4-liter and 20-liter canisters)	
Volume Measurement Accuracy:	4-liter canister, ± 50 mL 20-liter canister, ± 150 mL	**NOTE:** Volume measurement accuracy specified does not account for fluid evaporation or an inclined plane of operation that exceeds the specified range.
IV Pole Capacity:	12000 mL or 3000 mL per IV pole hook; for example four three-liter (3000 mL) fluid bags	
Inclined Plane of Operation:	± 2.5 degrees	
Equipment Type:	Type CF Applied Part	
Equipment Classification:	Class I Medical Electrical (ME) Equipment	
Ingress Protection (IP):	IPX0	
LED Classification - IR Communication Window:	**WARNING: INVISIBLE LED RADIATION** DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS CLASS 1M LED PRODUCT — Viewing the laser output with certain optical instruments (for example, eye loupes, magnifiers, and microscopes) within a distance of 100 mm may pose an eye injury hazard.	
Ground Type:	Protective Earth (ground); when connected to facility power	

Environmental Conditions:	**Operation**	**Storage and Transportation (before initial use)**	**Storage and Transportation (after initial use)**
Temperature Limitation:	14 °C – 26 °C	-20 °C – 40 °C	10 °C – 40 °C
Humidity Limitation:	20 % – 75 %	10 % – 75 %	10 % – 75 %
Atmospheric Pressure Limitation:	70 *kPa* – 106 *kPa*	50 *kPa* – 106 *kPa*	50 *kPa* – 106 *kPa*

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