

Cell Saver® Elite®

The new standard of care in
intraoperative autotransfusion

INTEGRATED DEVICES



Blood management solutions for the operating room



A heritage of reliable performance

Since the introduction of our Cell Saver® technology in 1976, Haemonetics has been the industry's pioneer of intraoperative cell salvage. The Cell Saver® Elite® Autotransfusion System is our newest advancement in autotransfusion systems, designed to improve ease-of-use while maintaining our reputation for reliable, consistent quality.

Cell salvage to avoid allogeneic transfusions

The Cell Saver Elite system is intended for surgeries such as CABG, valve replacement, trauma, transplant, orthopedic, and other procedures in which medium-to high-volume blood loss occurs. With its ability to deliver 40% to >50% hematocrit and to remove nearly all traces of undesirable components, such as free hemoglobin, the Cell Saver Elite system is a critical tool in the effort to avoid unnecessary allogeneic transfusions.

1 Elkin KR, Yazer M, Kameleva M, Waters J. Transfusion 2007;47(11):20A-21A [DR107247]

Integrated SmartSuction® technology to reduce hemolysis

Because our SmartSuction technology has been demonstrated to significantly reduce hemolysis, Haemonetics has integrated SmartSuction mechanics into the Cell Saver Elite system to increase the opportunities to reinfuse patients with a greater number of viable red blood cells (RBCs).¹ More reliable and accurate than wall suction, whose actual force may be lower because of a kinked tube, inaccurate calibrations, or a single source of suction used beyond its capacity, SmartSuction technology maintains an optimum suction force to protect RBCs and intact tissue.

Sophisticated technologies to enhance data communications

The Cell Saver Elite system provides improved data collection and transfer:

- Integrated bar code reader for ease of data input, such as list numbers and lot numbers of disposables and patient and operator IDs
- USB port for quick download of up to 100 stored procedures and associated disposables information
- Proprietary BloodTrack® Manager CS application for data storage and reporting

User-friendly design to improve ease of operation

The Cell Saver Elite autotransfusion system features data collection using our proprietary BloodTrack® Manager CS application and offers simplified disposable loading. The Elite system displays user-friendly, easy-to-read graphics, and access to onscreen help during procedures via a color touchscreen.

Cell Saver® Elite® – The Preferred Choice

Washout performance	>95% Albumin removal >95% Free hemoglobin removal >95% Heparin removal
Data collection and management	Integrated bar code reader, USB port, and BloodTrack® Manager CS application
Suction	Integrated SmartSuction® technology or manual suction up to -250 mmHg
Color touchscreen	Easy-to-read graphic displays and onscreen help
Programmable parameters	Ability to define user-specific collection parameters and save them for future use
Separation technology	Latham bowl and blow-molded bowl
Multiple bowl sizes	70mL, 125 mL, 225 mL
Improved platelet sequestration	Simplified disposables and user interface
Partial-bowl processing	FDA cleared to wash a partially-filled bowl, allowing for maximum reinfusion of red blood cells
Status beacon	Prominent beacon lets the user know system status with a glance from anywhere in the OR
Increased storage space	Convenient, removable storage space to store disposable units, saline, or paperwork
Lightweight and portable	Provides increased flexibility and mobility for movement through the hospital
Easy to set up	New disposable layout with easy-to-load manifold



To contact Customer Service...

Phone: (800) 225-5297 ■ Fax: (800) 860-1512

Email: CustomerServiceNA@haemonetics.com

Description	List Number	Quantity per Case
■ Cell Saver Elite System, USA	CSE-E-US	1
■ Cell Saver Elite Cart	CSE-EA-1000	1
■ Cell Saver Elite Processing Set (225 mL)	CSE-P-225	8
■ Cell Saver Elite Processing Set (125 mL)	CSE-P-125	8
■ Cell Saver Elite Processing Set (70 mL)	CSE-P-70	8
■ Cell Saver Elite Fast Pack (225 mL,205,208,HAR-A-1000)	CSE-FP-225V	4
■ Cell Saver Elite Fast Pack (125 mL,205,208,HAR-A-1000)	CSE-FP-125V	4
■ Cell Saver® Collection Reservoir, 3 L, 150 µ Raised Filter	00205-00	4
■ Cell Saver® Collection Reservoir, 3 L, 20 µ Filter	00220-00	4
■ Cell Saver® Aspiration & Anticoagulation Line	00208-00	20
■ SmartSuction® Aspiration & Anticoagulation Line	HAR-A-1003	10
■ SmartSuction® Filtered Vacuum Line, non-sterile	HAR-A-1000	10
■ Cell Saver® RBC Bag, 1000 mL	00245-00	40
■ Waste Bag, 10 L	CSE-B-1000	10
■ Sequestration Set	CSE-SQ-1000	8
■ 70 mL Bowl Chuck Adapter, Cell Saver Elite	107581-00	1
■ Operator's Manual	102680-US	1
■ Quick Reference Guide	112018-US	1

Specifications

■ Machine (D × H × W)	21.5 in × 16.5 in × 11.75 in (54.6 cm × 41.9 cm × 29.8 cm)
■ Machine with cart (IV pole extended)	26.5 in × 72 in × 21 in (67.3 cm × 182.9 cm × 53.3 cm)
■ Machine with cart (IV pole down)	26.5 in × 48 in × 21 in (67.3 cm × 121.9 cm × 53.3 cm)
■ Weight of machine	< 56 lbs (25 kg)
■ Weight of cart	< 40 lbs (18 kg)
■ Pump speed	0–1000 mL/min (adjustable)
■ Centrifuge speed	Latham bowl: 5650 rpm Blow-molded bowl: 7500 rpm Sequestration: 2050-5650 rpm (adjustable)
■ Voltage	100–240 VAC ±10%
■ Fuse rating	100–240 V: T3.15A250V
■ Operating frequency	47–63 Hz
■ Laser classification	Class 3R laser product
■ Power cord length	16 ft (4.9 m)
■ Certifications	ETL listed

RxOnly

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