



SEBRA® HAND-HELD

Battery powered RF Sealer



The SEBRA® Model 2380 compact, portable, battery powered, hand-held tube sealer meets the most stringent requirements for quality and reliability in high-volume, intensely demanding settings. Accommodating the hand-held sealing head (Model 1105), the system adjusts automatically for different sizes of tubing. The durable design fits in virtually any work area, and is ideally suited for mobile whole blood donation areas, component processing centers and stem cell laboratories. SEBRA sealers are based on state-of-the-art radio frequency (RF) energy rather than heat, thus minimizing the threat of hemolysis. In less than 2 seconds, the SEBRA 2380 sealer provides a consistent, airtight seal you can rely on for all your mission-critical blood collection and processing needs.

SEBRA® Model 2380 Hand-held sealing system

Fast and dependable, this RF generator teamed with the hand-held sealing head. The energy level and seal time are controlled by proprietary solid-state circuit design allowing various tubing sizes to be automatically accommodated.

Model 1105 Sealing Head

Handles heavy duty and high capacity demands with up to 1500 seals per fully charged battery

Features:

- Smart™ Technology power adjusts automatically to accommodate different sizes of tubing
- Removable NiCad battery pack recharges in 2 hours
- Produces wide tear seals
- Easy-to-clean detachable head

Benefits:

- Streamlines and simplifies workflow in a variety of settings with more seals per charge than any other commercially available sealer
- Adjusts easily to changing requirements with no manual intervention
- Saves time with seals that are easy to visualize and tear
- Provides reliability and security for processing of temperature sensitive samples
- Reduces costs by minimizing discards

Applications

- Whole blood collections
- All types of apheresis collections
- Plasma collections
- Leukoreduction processes
- Component processing

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2380

1105

System Specifications

Dimensions	13.3 x 4.8 x 1.6 inches (33.8 x 12.2 x 4.1 cm)	8 x 1.5 x 1 inches (20.3 x 3.8 x 2.5 cm)
Operating Weight	4 lbs (2.1 kg)	.6 lbs (.3 kg)

Electrical Specifications

Certifications	cTUVus	—
Power Input	12V NiCad Rechargeable Battery	
	100-240 VAC, 50/60 Hz	—
RF Power Output	40 Watt minimum into matched 50Ω load, at initial power up	
Radio Frequency Output	40.68 ± .02MHz	—

Performance Factors

Capacity	Approximately 1200 Seals per fully charged battery
Sealing Time	1-2 Seconds - varies by tubing
Max Seal Rate	55/minute
Seal width	.087 inches (2.21 cm)
Tear Strength	3.99 lbs (1.8kg) - varies by tubing
Tubing	Whole blood, apheresis

Operating Conditions

Temperature	4 to 38° C
Humidity	Up to 70% Relative Humidity
Altitude tested up to	6562 FT / 2000 M