



Reliable Seals for Blood Collection

We work to make the blood collection experience safe, convenient and comfortable for operators. Regardless of where the blood is collected, it is important to make the process safe and convenient. Our portable tube sealers minimize haemolysis and contamination and give high-quality seals for blood collection. Its lightweight, durable nature and long battery backup make it ideal for blood collection.

Features

Purely Hermetic and Snap Apart Seals

Each sealer is designed to make hermetic blood bags seal without any contamination. Each sealed tube has a rupture line and can be separated easily by hand.

Ergonomically Designed Sealer

- Gives operators greater comfort
- Minimizes the force required for triggering and provides both a better grip and more consistent seals
- Allows safe usage with the easy-to-remove splash guard

No Warm up Time

There is no need to wait for system initialization.

Superior RF Application Technology

A specially designed lever on the sealer permits the application of RF only after the tube is completely squeezed so that the RF will not have contact with blood.



Rapid Charging Tube Sealer

The Ni-MH battery used in LM 100E is fully charged within three hours and is protected from overcharging to ensure an uninterrupted operation.

- Makes more than 1,000 high-quality seals per fully charged battery
- Provides additional thermal protection for the battery
- Indicates the battery charge level



Specifications

Power supply	Ni-MH battery pack 12 V, 4.5 Ah
Classification	Protection against electrical shock: In charging: Class II In use: Internally powered
Operation	Continuous operation
Working environment	Temperature: 5 °C to 40 °C Relative humidity: 30% to 75% Atm pressure: 700 to 1,060 hPa
Storing and transportation	Temperature: 20 °C to 40 °C Relative humidity: 20% to 90% Atm pressure: 600 to 1,060 hPa
Battery charger	Input: –100 to 240 VAC Output: –18 VDC 3.3 A (Max)
Battery charging time	3 hrs for 1,000 seals
Number of seals	Approx 1,500 seals for a fully charged battery (under test conditions)
RF frequency	40.68 Mhz
RF cable length	2.45 m
Weight: base power unit	2,000 gm
Sealing head	230 gm
Maximum diameter of the tube that can be sealed	5 mm
Sealing time	<1.5 sec controlled by microcontroller
Indications	<ul style="list-style-type: none"> ■ Charging ■ Battery low/calibration ■ Battery level ■ Sealing indication in the sealing head
Dimension power source (W x D x H)	160 mm x 250 mm x 40 mm
Product ordering code	LM100E0000

To learn more, contact your Terumo Blood and Cell Technologies representative.

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Terumo Blood and Cell Technologies is a medical technology company. Our products, software and services enable customers to collect and prepare blood and cells to help treat challenging diseases and conditions. Our employees around the world believe in the potential of blood and cells to do even more for patients than they do today. TERUMOBCT.COM

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