Blood Bag Tube Sealer, Φ3-6 mm Tubing, 0.8-2 s Seal Time, 190-250 V Auto Voltage, 200 W

Model **MSSLM-T2008SWISS** | Brand **Master Science**





The Blood Bag Tube Sealer heat-seals the plastic tubing of blood bags and other bagged liquids such as saline, giving clean, non-toxic and reliable bonds. It seals tubes from Φ3 to Φ6 mm, with a microprocessor setting the heating time between 0.8 and 2 s according to tube thickness.

KEY HIGHLIGHTS

- Hands-Free Start
- Reduced Hemolysis
- Stable on Unstable Power
- Right Time for Each Tube

Request a Quotation
Contact us for pricing, configuration options and delivery details.

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Overview

Sealing starts automatically when the tube is placed in the head slot, and the head releases itself for the next cycle. An elastic auxiliary device on the sealing head helps prevent or reduce hemolysis during sealing, and the Blood Bag Tube Sealer adjusts to supply voltage automatically, working steadily from 190 to 250 V.

Weigh and mix donations on our Blood Collection Monitor, then close the line with the Blood Bag Tube Sealer.

Clamping and knotting tubing by hand causes the issues below. The Blood Bag Tube Sealer resolves each one.

Key Benefits

Hands-Free Start
Placing the tube in the slot starts sealing automatically.

Reduced Hemolysis
An elastic device on the head protects blood in the tube during sealing.

Stable on Unstable Power
Automatic voltage adjustment keeps working from 190 to 250 V.

Right Time for Each Tube
Microprocessor-set heating from 0.8 to 2 s suits tube thickness.

Technical Specifications

UNDEFINED	
Brand	Master Science
Model Number	MSSLM-T2008SWISS
SKU	MSSLM-T2008SWISS
Tube Diameter	Φ3-6 mm
Sealing Time	0.8-2 s (microprocessor-controlled, by tube thickness)
Start	Automatic when tube is placed in the head slot
Sealing Head	Elastic auxiliary device to reduce hemolysis
Supply Voltage	190-250 V, 50-60 Hz, automatic adjustment
Power	200 W
Electronic Tube Lifespan	About 800-1000 h
Preheating	3-5 min after power-on
Dimensions (W × D × H)	280 × 165 × 220 mm
Package Size (W × D × H)	480 × 330 × 300 mm
Gross Weight	10 kg

PROBLEMS THE BLOOD BAG TUBE SEALER SOLVES	
Hemolysis at the seal point	The elastic head device helps reduce it.
Slow manual steps	Sealing starts automatically when the tube is placed.

OPTICAL PERFORMANCE	
Leaky clamps or knots	Heat sealing creates a reliable bond.

POWER	
Sealer faults during voltage swings	Automatic voltage adjustment handles 190-250 V.

Applications

- **Sealing blood bag tubing after donation**
- **Sealing tubing of bagged liquid drugs**
- **Sealing saline and infusion bag tubing**
- **Blood component processing in blood banks**

Sealing

- Tube sizes Φ3-6 mm
- 0.8-2 s microprocessor-timed heating
- Automatic start and release for the next cycle

Blood Protection

- Elastic auxiliary device on the sealing head
- Designed to prevent or reduce hemolysis

Power

- Automatic voltage adjustment, 190-250 V
- 200 W
- Front-mounted power switch

Standard Accessories Included

- Blood bag tube sealer main unit

Optional Accessories

- No optional accessories are listed for this model; contact our team for compatible items.