



BLOOD BAG TUBE SEALER



Quality, Management, Environment, Health & Safety Standards



CDSCO Certified



USFDA Listed



European CE



ISO 13485:
NABCB/IAF



ISO 9001: IAF



7 Electric Safety
Certifications

INTRODUCTION

The MarkEn Blood Bag Tube Sealer is a compact, durable, and high-performance device using advanced Radio Frequency (RF) technology. It delivers fast, uniform seals with exceptional ease and safety — perfect for blood collection and processing.



FEATURES

PERFORMANCE & EFFICIENCY



Sealing Time: Fast sealing in 1–3 seconds



No Warm-Up: Immediate operation without waiting time



Wide Seal Width: 2.6 mm seals for easy tube separation



Rupture Line: Clear break line for effortless segment separation



Compatibility: Supports tubes with diameters of 1.0–6 mm and wall thickness up to 0.75 mm

ADVANCED TECHNOLOGY



RF Sealing: 40.63 MHz dielectric principle for safe, non-hemolytic seals



Optical Sensor: Automatic tube detection and sealing



Electrode Protection: Covered electrodes prevent blood splatter



Microprocessor Control: Ensures precision and reliability

DESIGN & SAFETY



Compact & Tabletop: Lightweight and space-saving design



Anti-Spark & Overheat Protection: Prevents system and tubing damage



Splash Guard: Ensures technician safety



Durability: Designed for a 10-year lifespan with guaranteed spare parts

POWER & FLEXIBILITY



Dual Power Source: Operates on mains and battery



Battery Backup: Over 10 hours or up to 1000 seals



Auto-Recharging: Ensures uninterrupted use



Stable Power Supply: Switch mode power for consistent sealing

ENVIRONMENTAL RESILIENCE



Temperature Range: Operates from -10°C to +40°C



Humidity Tolerance: Works efficiently in 15%–90% relative humidity

USER-FRIENDLY INTERFACE



LED Indicators: Visual alerts for ready status, sealing, power supply, and battery level



Quick Cleaning: Easy-to-remove sealing head cap for maintenance

OPTIONAL ACCESSORIES

1 KVA Voltage Stabilizer | Portable Transport Bag | Spare Fuse



TYPE

Without Battery Backup

With Battery Backup

Hand Gun Tube Sealer Without Battery Backup

Hand Gun Tube Sealer With Battery Backup

TECHNICAL SPECIFICATIONS

Make	MarkEn
Dimension (W x D x H) (mm)	220 X 200 X 120
RF Frequency	40.68 MHZ
Power	150 watt
Standby Power	20 watt
Seal time	1-2 Sec
Sealing Type	Automatic
Battery Backup	10 hours
Input Voltage	230 ± 10 V, 50/60 Hz
Weight (Kg)	04 kg

CERTIFICATIONS

Quality, Management, Environment, Health & Safety Standards



**50 Products
CDSCO Certified**



USFDA Listed



**8 products tested by a
WHO-accredited laboratory**



European CE



NABCB: ISO 13485



ISO 9001: IAF



ISO 14001: IAF



ISO 45001: IAF



**7 Electric Safety
Certifications**



WHO GMP



**BIFMA Certified,
BIFMA Level 3**



**ASTM- Corrosion
Free Products**



ISO 2409

**EN 13523-26,
ISO 13849-1,
IP 69, IP 65**

& many other...

ALL-IN-ONE SOLUTION FOR

Cold Chain Solution
Medical Equipment
Blood Bank Equipment

Hospital & Scientific Equipment
Hospital Furniture & Infrastructure
Commercial Refrigeration



25+

Years of Excellence



350+

Product Range



500+

Service center



1000+

Committed Engineers



1,00,000+

Satisfied Users

OUR ESTEEMED CUSTOMERS



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Authorized Distributor Details