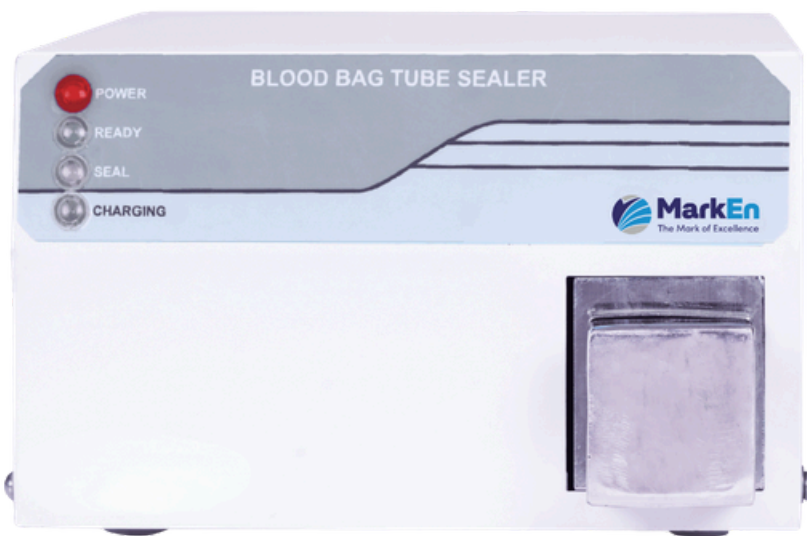




BLOOD BAG TUBE SEALER



Quality, Management, Environment, Health & Safety Standards



CDSCO MD 5 License



USFDA Listed



European CE



ISO 9001: 2015
IAF



ISO 13485:2016
NABCB/IAF



ISO 45001 : 2018
IAF



7 Electric Safety Certifications
IEC 60335-1 and IEC 60335-2-24, IEC 61010-1,
IEC 61010-2-020 and 61010-2-101, IEC 61326-1,
IEC 61326-2-6

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 mm
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

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



400+

Product Range



500+

Service center



1000+

Committed Engineers



1,00,000+

Satisfied Users

CERTIFICATION



10 products tested by a WHO-PQS accredited laboratory



Intertek



ISO 14001: IAF



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...

OUR ESTEEMED CUSTOMERS



& MANY MORE...



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