



HAND GUN 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 Hand Gun Tube Sealer is a compact, ergonomic, and heavy-duty device designed for fast, reliable blood bag tube sealing. Powered by advanced Radio Frequency (RF) technology, it ensures high-quality seals with unmatched ease and safety – perfect for blood collection and processing.

PERFORMANCE & EFFICIENCY



Sealing Time: Quick sealing in 1–3 seconds with no warm-up required



Wide Seal Width: 2.6 mm seals for easy and consistent tube separation



Tear-Seal Feature: Produces a clear rupture line for effortless segment separation



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

ADVANCED TECHNOLOGY



RF Sealing: 40.63 MHz dielectric technology prevents hemolysis



Manual Triggering: Controlled sealing via a lever for precise operation



Switch Mode Power: Consistent sealing performance regardless of power fluctuations

POWER & FLEXIBILITY



Dual Power Source: Operates on mains and battery



Long Battery Backup: Over 10 hours or up to 1000 seals (100 seals/hour)



Fast Charging: Fully charges in 2–3 hours with auto-recharging capability

DESIGN & CERTIFICATION



Ergonomic Build: Lightweight, handheld design with a comfortable grip



Flexible Use: Suitable for tabletop or handheld application



Certifications: WHO-GMP and CE certified, meeting global quality standards

SAFETY & DURABILITY



Overcharge & Thermal Protection: Ensures safe, reliable operation



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



Electrode Protection: Covered electrodes prevent blood splatter



Shock Protection: Fully insulated for operator safety



Environmental Resilience: Operates in temperatures from -10°C to +40°C and humidity levels of 15%–90%



Long Lifespan: Designed for 10+ years with guaranteed spare parts availability

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 to 3 Second (auto adjustable)
Sealing Type	Trigger
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



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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