



HAND GUN 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 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



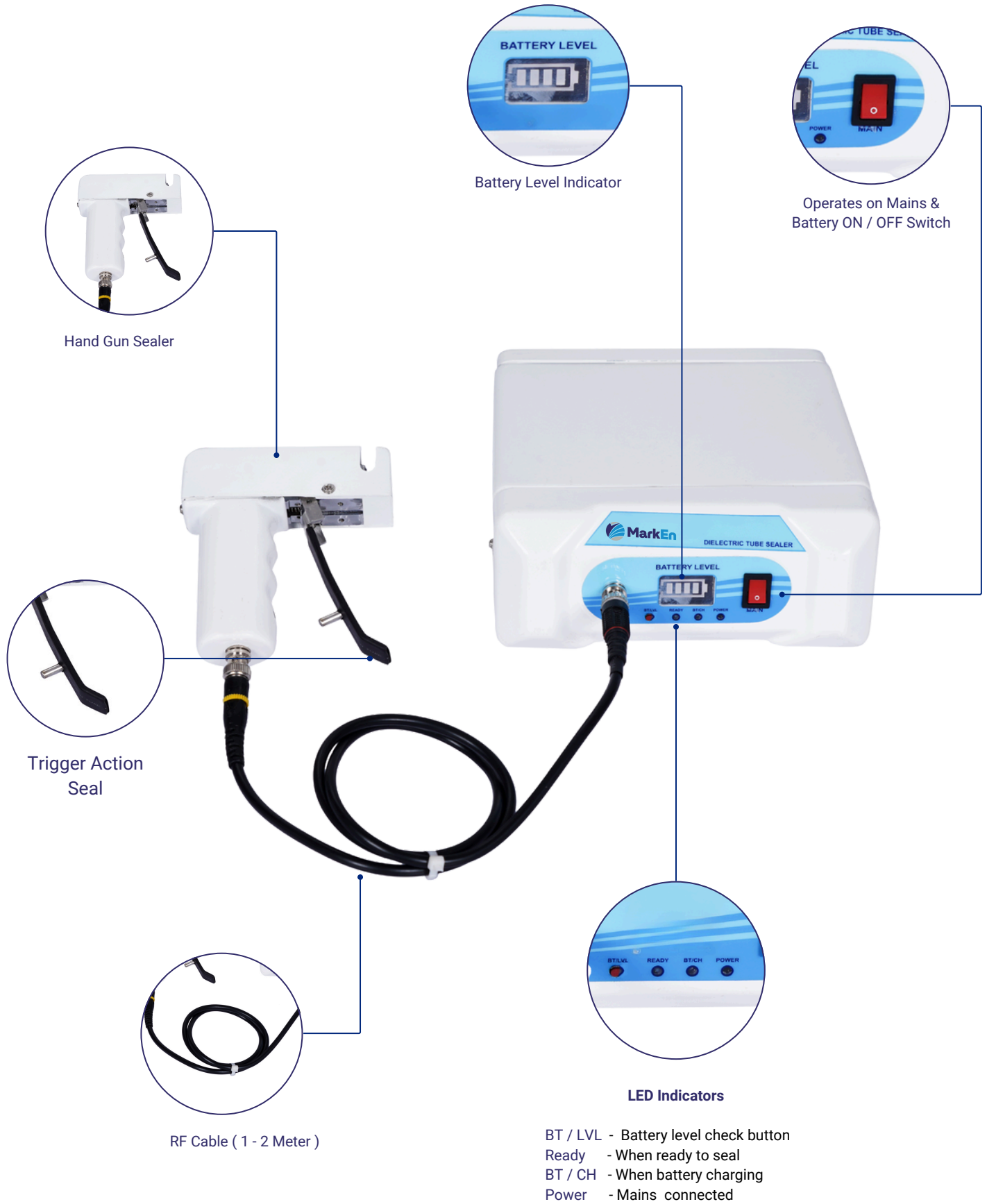
Ergonomic Build: Lightweight, handheld design with a comfortable grip



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 |

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



& MANY MORE...



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Authorized Distributor Details