

ROMA

Cordless handheld sealer for blood bag tubing

Roma is a cordless sealer that encompasses all the technology in our most compact architecture yet.

Roma is designed for portability, with best-in-class dimensions and weight.

Its intelligent algorithms drive radio frequency technology to produce high quality results and allowing sealings on PVC tubing of different diameters.

Roma is a one-click device designed to prevent product loss with its error reducing automatic functionality.

Roma's cradle provides a radically new charging management, enabling easier logistics and avoiding battery swaps.

Roma is the first sealer adopting an advanced dual fan thermal system that extends the number of continuous sealings.

Features designed for safety:

- Safe to use on tubing connected to the arm,
- Protective cap for safety, removable for ease of cleaning, paired with cap detection system,
- Integrated splash guard and tubing retention,
- Visual, acoustic, and haptic feedback for user prompts, and identifying anomalies,
- Accessible user interface, safe for color blinded,
- Initial self-check.

Other features:

- Integrated accelerometer,
- Ergonomic design for handling,
- Easy-on design tubing placement,
- Customizable workflows,
- Power on/off switch.

Delcon S.r.l.

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DELCON
Our technology your health

Sydney_DS_ENG_DATA SHEET SYDNEY ENG -R3.0 – Released 2024-05-13

Images are provided for demonstration purposes only and may differ from the final product. Delcon reserves the right to change or update the look, features and accessories list of the device at any time without notice.

1. COMMERCIAL AND REGULATORY DATA

Trade name:	ROMA	**Manufacturer:**	Delcon S.r.l.
Sales code:	HWONE.01 – ROMA Cordless handheld sealer for blood bag tubing ACC000066 – ROMA Charger HWONE.CORE.01 – ROMA Cordless handheld sealer for blood bag tubing and Charger		
Applied part:	CF Type (according to IEC 60601-1)		
Classification – MDR 2017/745	Medical device class I	**Reference standards:**	IEC 60601-1; EMC IEC 60601-1-2
FDA & Class listing:	D316978, Class I (according to 21 CFR 864.9750)		

2. TECHNICAL DATA

Consecutive sealings*:	100+	**Charge time:**	Approx. 2 hours *(From flat to 90% charge)*
Battery pack:	7,2V Li-Ion *(integrated)*	**Tubing size**:**	Up to 6,35mm (OD) (*1/4 inches outer diameter)*
Nominal capacity:	3000mAh (10,8kC)	**Enclosure material:**	PC/ABS
Nominal stored energy:	21,6Wh (77,7kJ)	**Charger Dimensions:**	140 (Ø) x 79 (H) mm 5,51 (Ø) x 3,11 (H) inch
Environmental storage:	-20° ÷ 45°C (-4° ~ 113°F) Humidity10% ÷ 90% RH Altitude -380 to 5000 m (-1.246 to 16.404 ft)	**Charger net weight:**	Approx. 670g / 1,47 lb.
Environmental conditions	7° ÷ 40°C (45° ~ 104°F) *Cold operability guaranteed for charge level over 90% (lower limit may vary with tube model) Humidity 10% ÷ 90% RH Altitude -380 to 5000 m (-1.246 to 16.404 ft)		
Sealer Dimensions:	133 (L) x 87 (W) x 185 (H) mm 5,23 (L) x 3,42 (W) x 7,28 (H) inch		
Sealer net weight:	Approx. 650g / 1,46 lb.		

** The number of expected executions depends on the tubing dimension (diameter, wall thickness, material hardness) and temperature conditions.*

*** Max tubing dimension. Effective sealable tubing depends also on wall thickness, material hardness and temperature conditions.*

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3. ACCESSORIES

Code: ACC000098 – Transport Case

Code: ACC000099 – Protective Case

4. SOFTWARE

LinkSeal (External Software for service application)

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