

SEALmatic C



SEALmatic C is Lmb's solution to create the perfect tube sealing and offer the maximum of flexibility to the user as a portable sealer. SEALmatic C is made to be connected with Bagmatic NOVO or Bagmatic NOVO LS. When connected, they are perfect for usage in the field when battery driven, or for in-house usage. Outstanding low hemolysis figures and a very quick sealing time of less than two or three seconds round out the SEALmatic C as the perfect assistant in blood donation.

Features

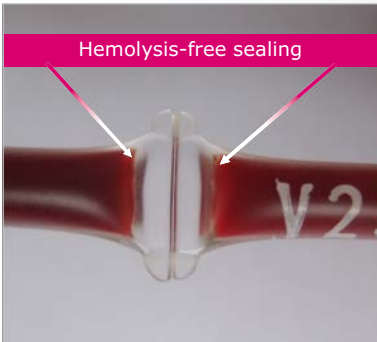
- Ergonomic design
- User friendly
- Reliability
- Automatic adjustment for high efficiency and small power consumption for battery operated devices and short sealing time
- Easy access for the user to insert the tubings
- Only 1-3 sec for one seal
- Low hemolysis technology
- High precision switch to activate the seal
- Easy to clean
- Small head for transparency of the sealing process
- Automatic battery SLEEP timer
- Automatic WAKE UP on start seal
- Sealing during charging
- Tube diameter from 2,5mm to 6mm can be sealed

Advantages (optional)

SEALmatic C is specifically made to work in conjunction with Bagmatic NOVO or Bagmatic NOVO LS, making in that way 2 in 1 device (tube sealer and blood mixer).



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Modern intelligent battery concept with display (optional)



Battery with fast charger (optional)



Barcode scanner (optional)

Technical data

General

Dimensions (H x W x D)	75 x 240 x 320 mm
Weight incl. battery	1,6kg w/o handle&cable
Power adapter	19V 3,5A
Number of sealing cycles per one battery charge	1500

Battery

Voltage	V _{nom} =14,4V
Weight	240g
Chemistry/Cell Array	Four Lithium Ion 18650 cells in a 4S1P array

Sealing head & RF generator

Nominal output power	50 W +/- 10% for load res. 50 ohm
Sealing frequency	40,68 MHz ± 5kHz
Standard sealing time	1-3 sec.
Overheat protection	60° C
Sealing timeout alarm	7,5 sec ± 1 sec
Sealing jaws gap	5 ± 0,2 mm (opened) 0,07 mm (closed)

Sealing handle

Dimensions	213/68 mm
Weight	0,4 kg
Length of cable	168 cm

Environmental Temperature

Working conditions	10°C ÷ +40°C
Storage and transport conditions	-20 ÷ +50°C

Humidity

Storage, Transport and Working conditions	20 ÷ 90 % non-condensed
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