

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

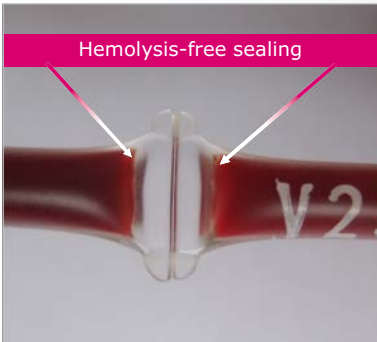
- Ergonomic design
- User friendly
- Reliability
- Automatic adjustment for high efficiency and small power consumption for battery operated devices and short sealing time
- Easy access for the user to insert the tubings
- Only 1-3 sec for one seal
- Low hemolysis technology
- High precision switch to 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

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).



SEALmatic C



Sealing area shape



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 |
|---|-------------------------|