



# SEALmatic M

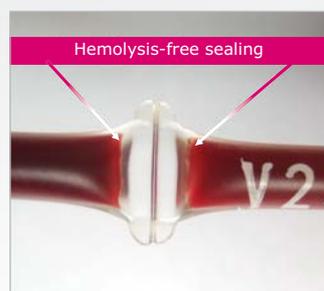
SEALmatic M is Lmb's solution for creating perfect tube segments and offering a maximum of flexibility to the user. Individual units can be used in standalone mode or combined freely to make a segmenting device with high variety of segment sizes. With its appealing design, carrying handle and low weight it assures a high level of mobility within the donation room. Sealing handle can be easily attached to offer even more flexibility. Outstandingly low hemolysis figures and a very quick sealing time of less than two or three seconds round out SEALmatic M as the perfect assistant in blood donation

## Features

- Ergonomic design
- User friendly
- Stand alone and segmentation work
- Sealing handle as an option
- Reliability
- Only 1-3 sec for one seal
- Tube diameter from 2,5 mm to 6 mm can be sealed
- Low hemolysis technology
- High precision start seal optical switch
- Easy to clean
- Auto calibrating for similar tube sizes
- Service friendly
- Detachable sealing head cover enables easy cleaning of sealing electrodes
- Easy access for tube insertion



Illumination ring:  
for sealing monitoring



Sealing area shape



Successful sealing



Sealing error

# SEALmatic M



Connection of the multiple devices

## Technical data

**Dimensions** 60(W) x 250(H) x 396(L) mm

**Weight** 4,1 kg + handle (0,4 kg)

### Power Supply

Voltage 100-240 VAC

Frequency 50-60 Hz

Power consumption (sealing) 200 VA max

Power consumption (on standby) 30 VA max

Power fuse 3,15 A/slow

### RF generator

Nominal output power 50 W for load res. 50 Ohm

Sealing frequency 40,68 Mhz  $\pm$  5 kHz

### Clamp & Sealing handle

Sealing jaws gap (opened) 5  $\pm$  0,2 mm

Sealing jaws gap (closed) 0,07 mm

Length of RF cable: 168 cm

Weight of handle with cable: 0,46 kg

Dimensions: 213 / 68 mm

Housing material: stainless steel, brass and plastic

LED indicator in sealing head

RoHS2 compliant

### Environmental

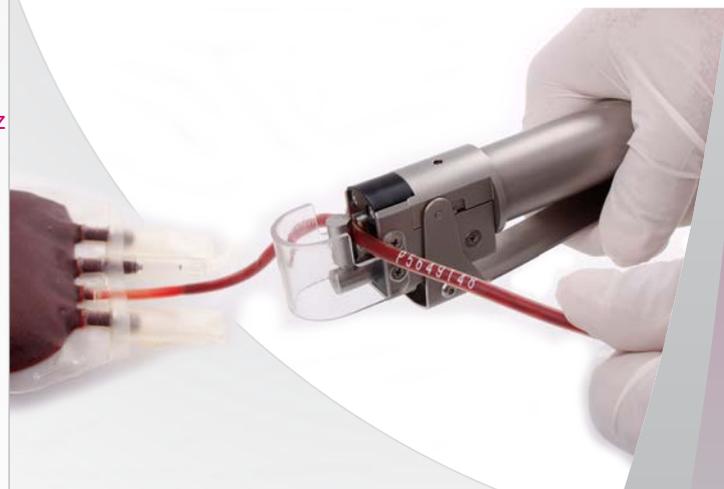
Temperature Working conditions +10°C - +40°C

Temperature Storage conditions -20°C - +50°C

### Compliance data

Classification Medical device class I

Directive and Standards applied MDD 93/42/EEC, EN 60601-1, EN 60601-1-2, RoHS2



**Lmb Technologie GmbH**

Möslstr. 17

D-85445 Schwaig

Tel: +49-8122-88096-0

Fax: +49-8122-88096-60

www.lmb.de

info@lmb.de