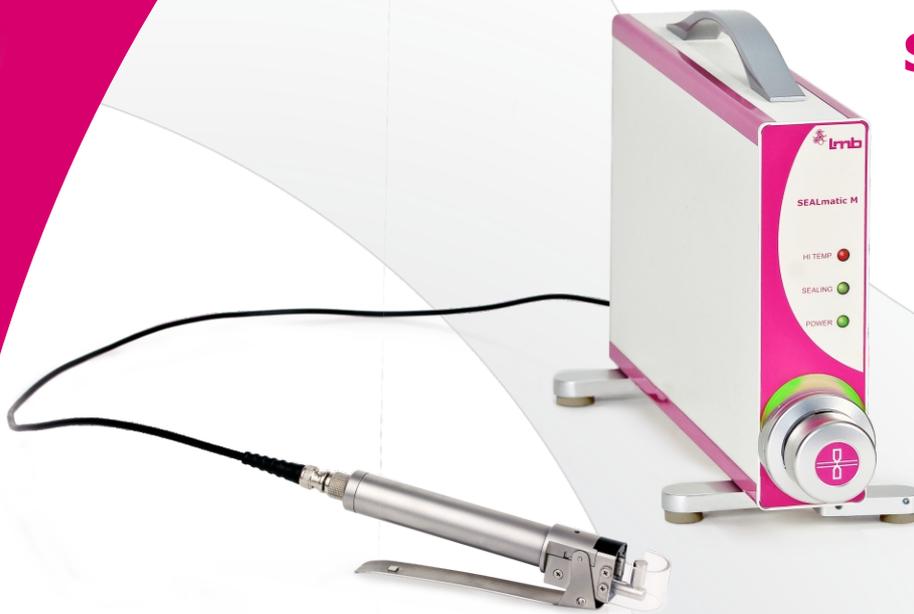


SEALmatic M



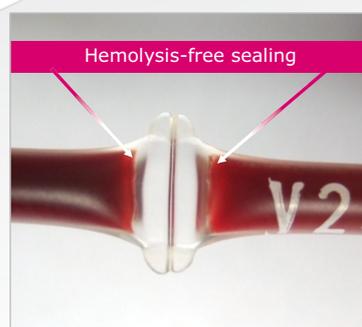
SEALmatic M is Lmb's solution for creating perfect tube segments and offering a maximum of flexibility to the user. Now SEALmatic M have INTELIGENT cooling system. Individual units can be used in standalone mode or combined freely to make a segmenting device with high variety of segment sizes. With its 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

- Smart silent working mode during sealing. FAN will be turned ON only when temperature rises.
- Noise friendly working environment with Sealmatic M
- Splash guard - against bursting tubes and blood leakage (optional)

- 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 2,5mm 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 aces for tube insertion



Sealing area shape

Illumination ring: for sealing monitoring



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
 RoHS 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 MDR 2017/745, EN 60601-1, EN 60601-1-2, RoHS



Splash guard

