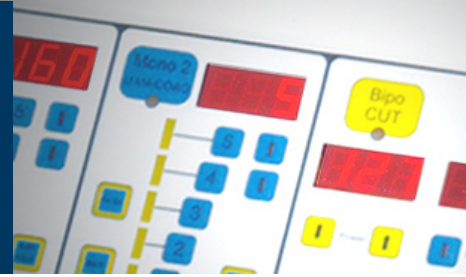


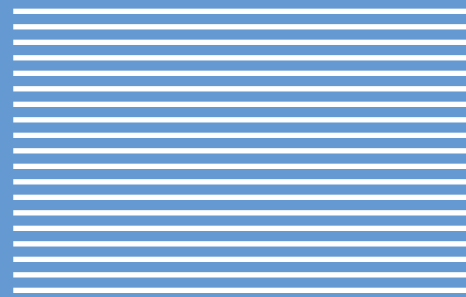


INNOVATIVE SURGERY

## MBC 600 AND MBC 601



High Frequency Surgery Units



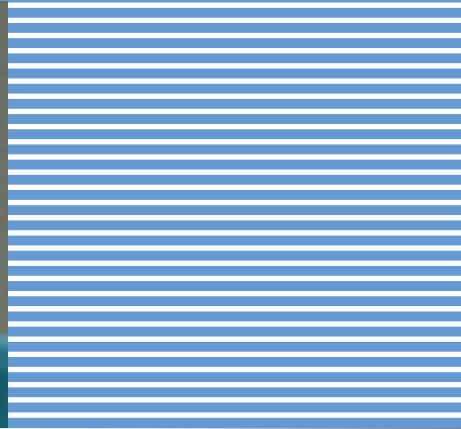


## Söring – innovative surgery

Söring, one of the pioneers in ultrasound technology, has been offering innovative solutions for ultrasonic and HF surgery on the international market for more than two decades. Söring not only is the market leader in ultrasound technology but also offers one-of-the-kind solutions for non-contact coagulation. Söring's success hinges on the continuous and uncompromising search for innovative improvement, reliable product quality, the proverbial German thoroughness and the flexibility of adapting to the market requirements by providing tailor-made solutions. Innovative surgery – benefits for you and your patients.

Söring's MBC 600 and MBC 601 offer the surgeon outstanding solutions for HF surgery. HF applications such as monopolar cutting and coagulating as well as bipolar cuttings and bipolar coagulating are possible. In the bipolar modes, the HF current only flows through the two adjacent electrodes of the respective surgical instrument, not through the patient's body. The integrated "traffic light" system is a safety feature for patient and operator since it checks the position of the patient electrode and its contact to the patient continuously.

# HIGH FREQUENCY TECHNOLOGY - RELIABLE AND EASY APPLICATION



## Application range:

- General surgery
- ENT
- Neurosurgery
- Gynaecology
- Urology
- Orthopedics
- Minimal invasive surgery
- Endoscopy

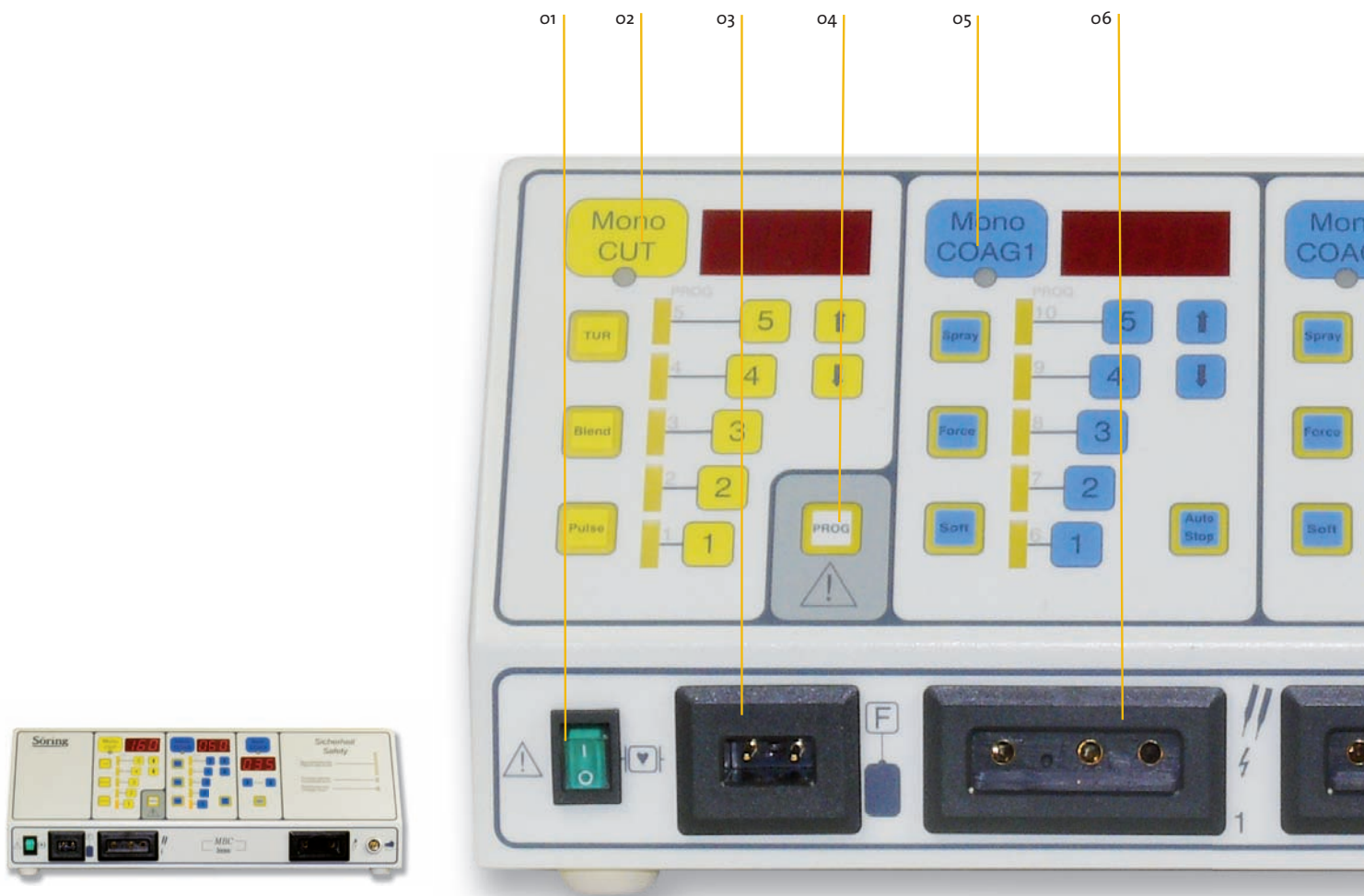


- HF surgery units for monopolar and bipolar cutting and coagulating
- “Traffic light” system checks the position of the patient electrode and its contact to the patient continuously

## A RELIABLE PARTNER

Depending on the unit variant, the user can choose from the following functions:

- MBC 600: Monopolar cutting and coagulation  
Bipolar coagulation
- MBC 601: Monopolar cutting and coagulation  
Bipolar cutting and coagulation



FUNCTION PRINCIPLE

01 Power switch

03 Patient electrode socket

05 Operating panel Monopolar coagulation 1

08 Operating panel Monopolar coagulation 2

02 Monopolar cutting panel

04 Program key

06 Connecting socket Monopolar handpiece 1

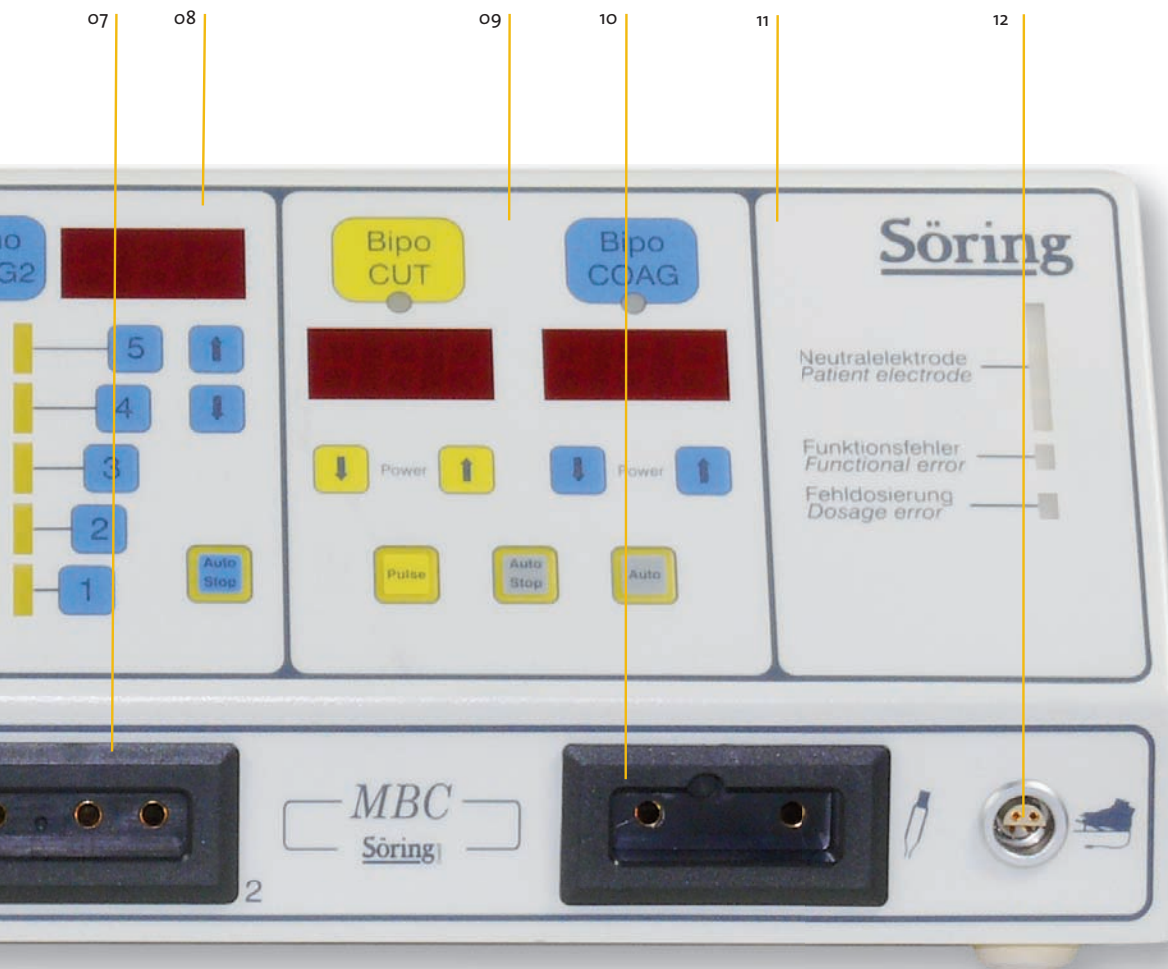
09 Operating panel Bipolar cutting/ coagulation

07 Connecting socket Monopolar handpiece 2

10 Connecting socket Bipolar handpiece

11 Status display

12 Connecting socket Footswitch



The unit features operating modes for monopolar cutting and coagulation as well as for bipolar cutting and coagulation.

The MBC 601 has two monopolar channels for coagulation and one monopolar channel for cutting. Monopolar chan-

nels can be activated by finger- or footswitch.

# ACCESSORIES

## Monopolar

HF handpiece 53-045



Footswitch handpiece 53-023



Disposable HF handpiece with fingerswitch 53-902



Patient electrode, divided, 700N0038



Blade electrode 57-115



Ball, straight 57-113



Loop, wire 57-105



## Bipolar

Bipolar tweezers, CLARIS, non-stick, 737N1101



Bipolar tweezers, CLARIS, non-stick, 739N2201



Bipolar scissors (Metzenbaum), 730N0300



Bipolar scissors clamp, 730N0333



For additional accessories please refer to our accessories order list.

# TECHNICAL DATA



## TECHNICAL DATA DATA MBC 600 / MBC 601

	VALUE	UNIT
MAINS VOLTAGE	230 ± 10%; 115 ± 10%; 105 ± 10%	V
FREQUENCY	50/60	Hz
MAINS FUSE	2 x 4 AT (230); 8 AT (115); 10 AT (105)	V
POWER DRAW	1000	VA
CLASSIFICATION (AS PER MDD)	2b	
PROTECTION CLASS (AS PER EN 60601-1)	I	
DIMENSIONS MBC 600 / MBC 601	w x h x d: 430 x 150 x 430	mm
WEIGHT MBC 600 / MBC 601	18.5/19	kg

## PERFORMANCE DATA DATA MBC 600 / MBC 601

	MAX. POWER OUTPUT	MAX. OUTPUT VOLTAGE
MONOPOLAR CUTTING	320 W/200 Ω	1360 V <sub>pp</sub>
TUR (TRANSURETHRAL RESECTION)	350 W/200 Ω	700 V <sub>pp</sub>
TUR-PULSE	50 W/200 Ω	1.700 V <sub>pp</sub>
BLEND (POWER BLEND)	250 W/200 Ω	2.200 V <sub>pp</sub>
PULSE	40 W/200 Ω	500 V <sub>pp</sub>
MONOPOLAR COAGULATION		
SOFT	100 W/200 Ω	1.660 V <sub>pp</sub>
FORCE (HI FORCE)	120 W/200 Ω	3.000 V <sub>pp</sub>
SPRAY	120 W/200 Ω	9.000 V <sub>pp</sub>
BIPOLAR CUTTING (BIPO PULSE)	130 W/100 Ω	1.000 V <sub>pp</sub>
BIPOLAR COAGULATION	100 W/100 Ω	960 V <sub>pp</sub>

In our production, we use European standards. Our products therefore bear the CE mark.



www.soering.com

Söring GmbH

Medizintechnik

Justus-von-Liebig-Ring 2 · D-25451 Quickborn

TEL: +49 (0) 4106-61 00-0 · FAX: +49 (0) 4106-61 00-10

EMAIL: info@soering.com · www.soering.com



TECHNOLOGY

- ultrasonic dissection
- cold plasma coagulation
- electrosurgery
- electrosurgery with inert gas



INNOVATIVE SURGERY



AREAS OF APPLICATION

- neurosurgery
- general surgery
- minimally invasive surgery
- plastic surgery
- wound treatment

STAMP