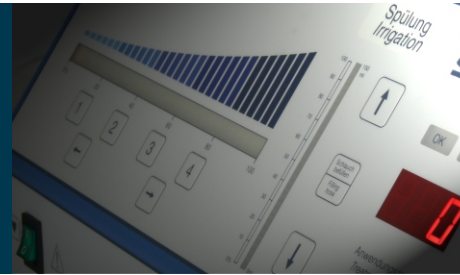


SONOCA-185



Ultrasonic Assisted Wound Treatment





Söring innovative surgery

As one of the pioneering forces in ultrasonic technology, Söring has been supplying the international market with innovative solutions in ultrasonic and high-frequency surgery for over two decades. Söring not only leads the field in ultrasonic technology but is also unique in providing solutions for contact-free cold plasma coagulation. Söring's success has been based on an uncompromising search for innovative improvements, reliable product quality, proverbial German thoroughness and a flexible response to market needs through customised solutions. Innovative surgery so you and your patients benefit.

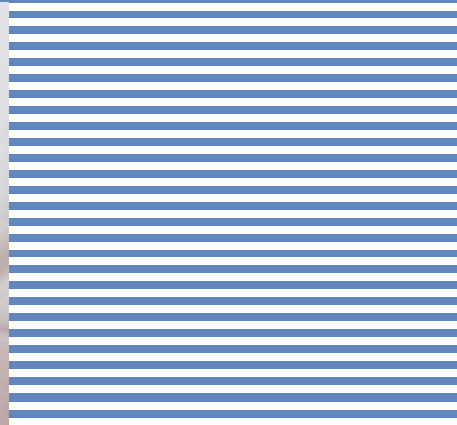
Chronic and hard-to-heal wounds require a local wound debridement besides a therapy of the background disease. The Ultrasonic Assisted Wound Treatment (UAW) with the SONOCA-185 represents a innovative method of wound debridement compared to conventional surgical debridement.

UAW is a non-invasive method using ultrasonic energy in combination with an irrigation solution to clean wounds. Physical basics are cavitations and micro streaming effects generated by vibration of the Sonotrode tip.

Necrotic tissue, cell debris, exudates, and bacteria are flushed from the wound ground with excellent preservation of healthy and granulation tissue.

INNOVATIVE SURGERY

SIMPLY - INNOVATIVE



Ultrasonic Assisted Wound Treatment can be applied on:

- locally infected wounds
- wounds with impaired circulation
- wounds with the need of debridement and irrigation, e.g.
 - ~ Pressure ulcer
 - ~ Diabetic foot ulcer
 - ~ Arterial and venous ulcers
 - ~ Posttraumatic wounds
 - ~ Surgical wounds
 - ~ Burn wounds



The SONOCA-185 is made for Ultrasonic Assisted Wound Treatment (UAW). The working frequency of 25 kHz is generated in the control unit, transmitted to handpiece and converted to mechanical vibration.

The irrigation fluid (sterile saline) is required as a medium to transmit the mechanical vibration to the tissue and to rinse out the necrotic cell fragments and bacteria. The working area is supplied with fluid consistently and reliably.

The handpiece has to be moved continuously and gently on the wound surface.

Different handpieces were developed to assure an optimized treatment result for all individual wound situations.

To reduce treatment costs, SONOCA-185 handpieces were designed autoclavable and therefore completely reusable.

The only needed disposables are sterile saline bags and an irrigation tube set.

The SONOCA-185 can be distinguished through a simplified and user-friendly handling, which makes routine applications more efficient by saving time and reducing efforts.

Further information can be found on: www.woundtreatment.net

INNOVATIVE WOUND CARE

The SONOCA-185 is fully microprocessor-controlled. Adjustments and indications on the front panel are intuitive and ergonomically designed. The latest reliable microprocessor technology with self test routine and self monitoring functions provides excellent performance and prevents malfunctions. Handpieces are equipped with high efficient and long-lasting piezo-electric elements which allow a wide power range. The integrated irrigation pump assures a continuous reproducible liquid flow.

01 Indication Ultrasonic Activation

04 Button Power Adjustment (variable)

07 Connector Foot Switch

10 Connector Handpiece Cable

02 Display Output Power

05 Display Irrigation

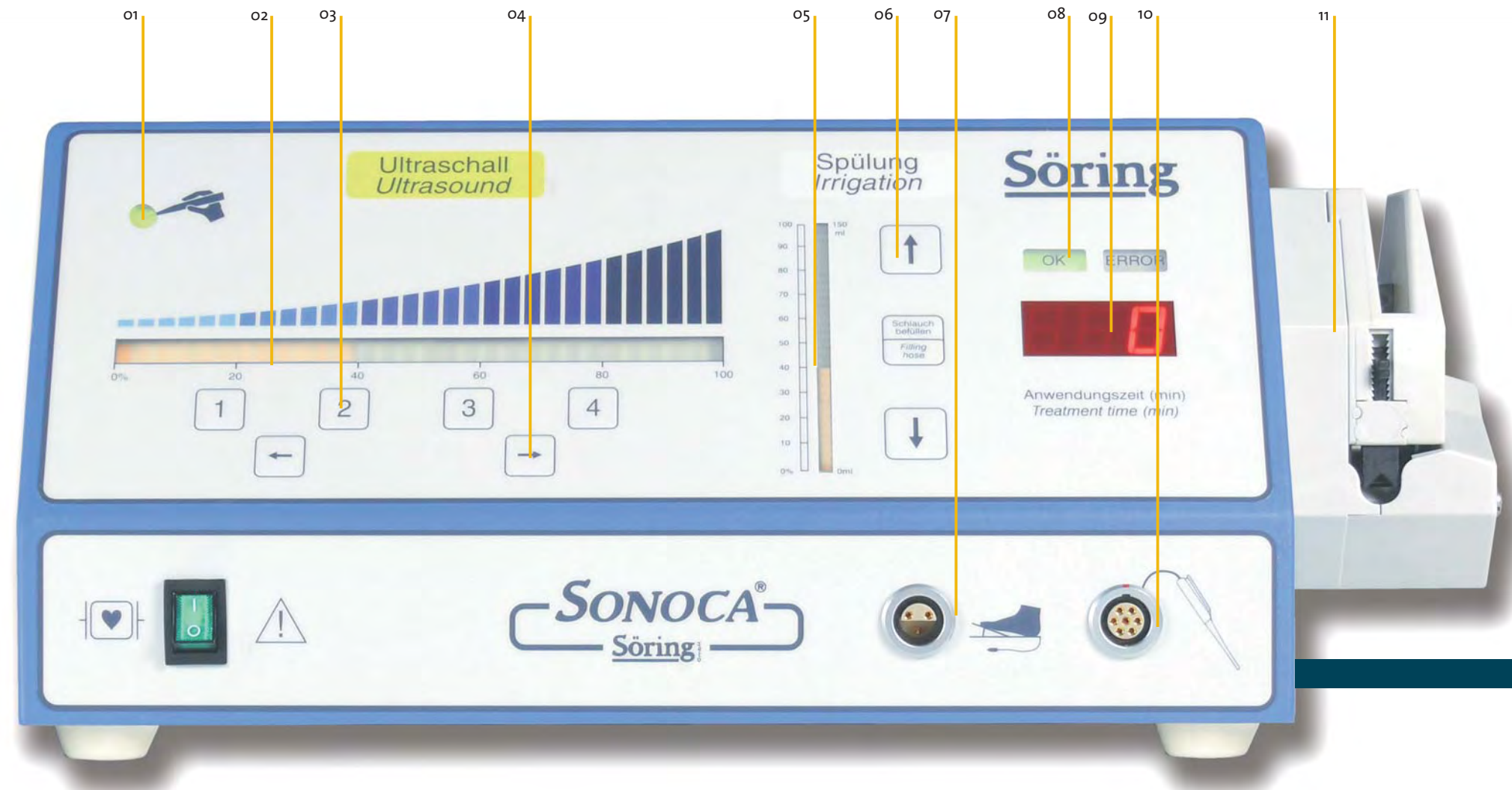
08 Indication Function OK/ERROR

11 Irrigation Pump

03 Button Power Adjustment (predifined)

06 Button Irrigation Control

09 Display Treatment Time



APPLICATION MODES

A NON-CONTACT MODE

In the non-contact-mode there is no contact to the tissue. In this mode you can treat very sensitive structures like exposed tendons and bones.

B CONTACT MODE

In the contact mode an application of light force or touch to the wound surface is applied. The highest amount of energy is transferred to the tissue in this mode

C DIPPED MODE

The dipped mode is intended to be used for wound pockets or cavities (e.g. pressure ulcer, fistula etc.).

ACCESSORIES

97-102 Ultrasonic Handpiece, Sonotrode: Ball



97-103 Ultrasonic Handpiece, Sonotrode: Hoof



97-104 Ultrasonic Handpiece, Sonotrode: Spatula



97-112 Ultrasonic Handpiece, Sonotrode: Ball, long



Further accessories can be found in the accessories order list 03-057!

TECHNICAL DATA SONOCA-185



TECHNICAL DATA

	VALUE	UNIT
WEIGHT	13,3	kg
DIMENSIONS	W x H x D: 310 x 150 x 380	mm
MAINS VOLTAGE	switchable 230 / 115 (+/- 10%)	V
POWER CONSUMPTION	250	VA
IRRIGATION FLOW	0-150	ml/min

APPLIED STANDARDS EN 60601-1, EN60601-2-2

All wound treatment handpieces can be used on all SONOCA models.

The SONOCA-185 is currently not available in the USA.

We manufacture acc. to European Standards and therefore we label our products with the CE Marking.



www.soering.com

Söring GmbH

Justus-von-Liebig-Ring 2

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

electro surgery

electro surgery with inert gas



INNOVATIVE SURGERY



APPLICATIONS

neuro surgery

general surgery

minimal invasive surgery (MIS)

plastic surgery

wound treatment

STAMP