LEVICS

Going further in ultrasonic aspiration

Söring

Söring

More possibilities in your hands.

We are specialists in the field of ultrasonic resection and ablation of tissue. Based in Germany, we develop medical technology that is used around the world.

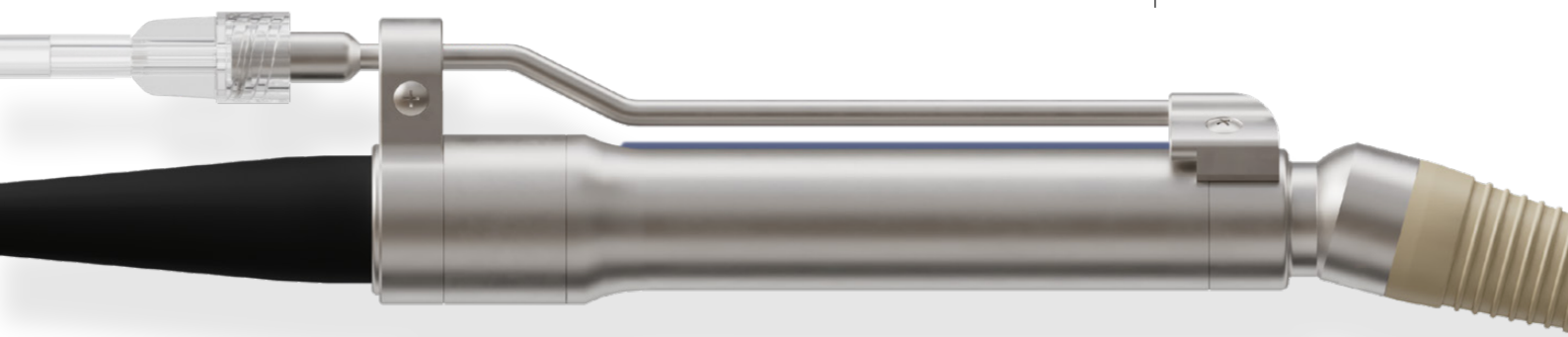
With a focus on intuitive user experience and our personal, direct service, we make surgical interventions easier, more efficient and safer.

LEVICS achieves surgical precision in neurosurgery and even, effective tissue resection. Precisely designed sonotrode geometries and selectable modes lead to a resection effect optimized for tissue consistency.

Effective tumor fragmentation in neurosurgery and controlled bone preparation near critical structures in spinal surgery.

Well balanced and lightweight instrument supports a safe working over long periods of surgery

Filigree and angled shape of the instrument body ensures an optimum view of the surgical field



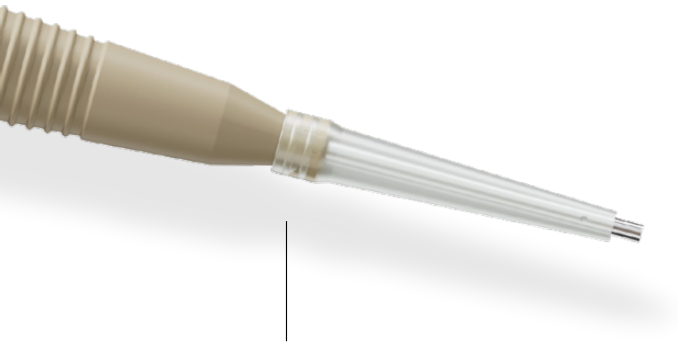
LEVICS enhanced sonotrode assortment

Broad range of sonotrodes with different lengths, diameters and tip geometries

Standard

Beveled

Notched

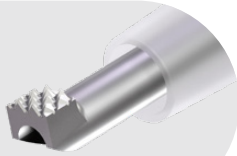


Excellent visibility due to minimal spray formation

Knife sonotrode for precise cuts, rasp sonotrode for precise removal

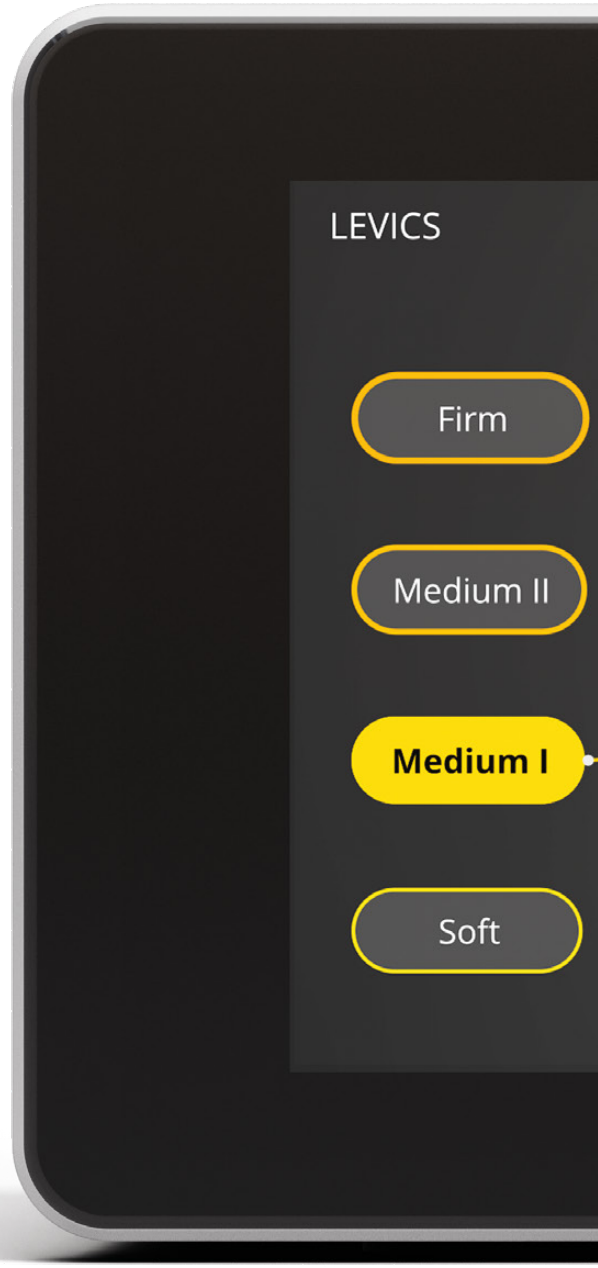
Knife sonotrode

Rasp sonotrode

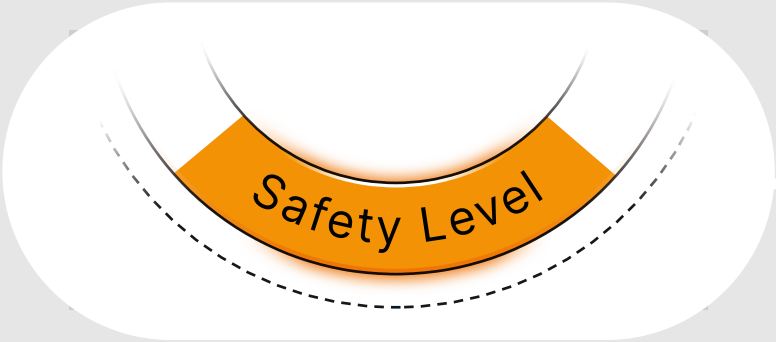


High level of safety and control during resection on critical structures and smooth processes in the OR.

The Effect-Control dial allows the surgical team to quickly and precisely adjust the settings on the ultrasonic unit. This promotes smooth interaction.



The Safety Level increases safety and control on critical structures by reducing all three setting parameters.



The Safety Level can be activated immediately at the OR table with the button on the foot switch.

The operating elements of the ultrasonic unit at a glance: **Modes, Effect-Control, Safety Level**

Modes
There are four modes for neurosurgery. Each mode only contains setting options that are suitable for the selected tissue consistency. This makes it easy to find a suitable starting setting and also make any further adjustments to enable optimized resection results.

Firm | Medium II | Medium I | Soft

For **spinal surgery**, there is one mode (Standard) and five effect levels, as well as one Safety Level.

Standard

Effect-Control
The removal rate is adjusted for the selected tissue consistency (mode) using the Effect-Control.
The starting setting is a medium removal rate in each mode (effect level = 4). If a higher removal rate is required, this is set with the Effect-Control dial (e.g. effect level = 9).

Safety Level
When the Safety Level is on, the removal rate is greatly reduced and a limitation of the voltage ensures that resection can be carried out with a high level of safety.
The Safety Level can be activated via a button on the touch screen or alternatively via a button on the foot switch.

Comfortable to use for the surgical team.
LEVICS and the ultrasonic unit offer many functions for easy handling.

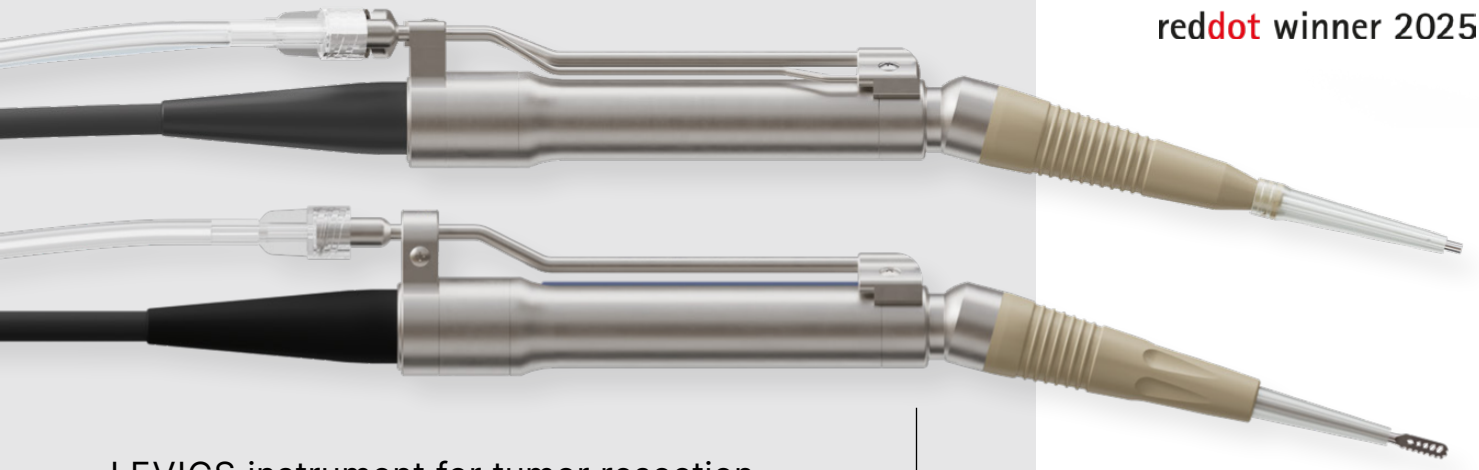
Saving of individual setting preferences

Small dimensions, low weight

Installation instructions with clear pictures

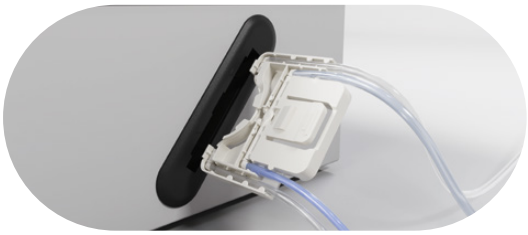
Large touch display with modern operating concept: Modes, Effect-Control and Safety Level

reddot winner 2025



LEVICS instrument for tumor resection and LEVICS instrument, bone for precise bone preparation

Wireless foot switch
with Safety Level button



Double tubing with tubing cassette
for easy assembly

Secure and fast
sonotrode assembly

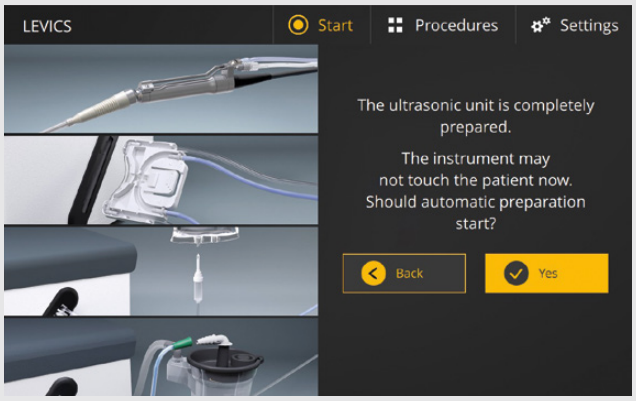
Assembly with tubing cassette
and automated preparation

Precisely controlled,
quiet aspiration pump

Illustrated instructions guide you through installation step by step.

Assembly instructions for the instrument

Self-explanatory and automated set-up saves time and ensures smooth usage



Automated preparation

Saving of individual setting preferences

Product overview

LEVICS, Instrument, for SUU-900

Article no.	92-901
Scope of delivery	with fix mounted instrument cable (5 m length)
Working frequency	35 kHz
Working principle	piezo-electric
Delivery | Reprocessing	non-sterile | 150 cycles
Irrigation | Aspiration	yes | yes

LEVICS, Instrument, bone, for SUU-900

Article no.	92-950
Scope of delivery	with fix mounted instrument cable (5 m length)
Working frequency	35 kHz
Working principle	piezo-electric
Delivery | Reprocessing	non-sterile | 150 cycles
Irrigation | Aspiration	yes | no

LEVICS and Bone Instrument, Instrument tray

Article no.	616S0100
Dimensions	361 mm x 242 mm x 70 mm
Delivery | Reprocessing	non-sterile | reprocessable

LEVICS sonotrodes and flues and accessories, compatible with 92-901

LEVICS sonotrode and flue

Article no.	616K0051	616K0052
Working length sonotrode	36 mm	98 mm
Outer Ø | Inner Ø of the sonotrode	2.0 mm | 1.4 mm	2.0 mm | 1.4 mm
Delivery | Reprocessing	sterile | single-use	sterile | single-use
Packaging unit	1 piece	1 piece

LEVICS sonotrode and flue

Article no.	616K0053
Working length sonotrode	108 mm
Outer Ø | Inner Ø of the sonotrode	2.3 mm | 1.7 mm
Delivery | Reprocessing	sterile | single-use
Packaging unit	1 piece

LEVICS sonotrode and flue, notched

Article no.	616K0054	616K0055
Working length sonotrode	37 mm	98 mm
Outer Ø | Inner Ø of the sonotrode	1.9 mm | 1.4 mm	2.0 mm | 1.4 mm
Delivery | Reprocessing	sterile | single-use	sterile | single-use
Packaging unit	1 piece	1 piece

LEVICS sonotrode and flue, beveled

Article no.	616K0056	616K0057
Working length sonotrode	37 mm	97 mm
Outer Ø | Inner Ø of the sonotrode	1.9 mm | 1.4 mm	2.0 mm | 1.4 mm
Delivery | Reprocessing	sterile | single-use	sterile | single-use
Packaging unit	1 piece	1 piece

LEVICS torque wrench

Article no.	616K0006
Delivery | Reprocessing	non-sterile | 150 cycles

LEVICS double tubing, luer, for SUU-900

Article no.	700S0902-10
Delivery | Reprocessing	sterile | single-use
Packaging unit	10 pieces

LEVICS sonotrode sets and accessories, compatible with 92-950

Knife sonotrode set

Article no.	612K0057-SET-10	612K0058-SET-10
Working length sonotrode	36 mm	101 mm
Blade width | blade length	0.8 mm | 10 mm	0.8 mm | 10 mm
Delivery | Reprocessing	sterile | single-use	sterile | single-use
Scope of delivery	Including flue and torque wrench	Including flue and torque wrench
Packaging unit	1 piece	1 piece

Rasp sonotrode set

Article no.	612K0060-SET-10	612K0061-SET-10
Working length sonotrode	38 mm	100 mm
Rasp area	4 mm²	4 mm²
Delivery | Reprocessing	sterile | single-use	sterile | single-use
Scope of delivery	Including flue and torque wrench	Including flue and torque wrench
Packaging unit	1 piece	1 piece

LEVICS tubing, luer, for SUU-900

Article no.	700S0903-10
Delivery | Reprocessing	sterile | single-use
Packaging unit	10 pieces

Ultrasonic unit

Article no.	SUU-900
Scope of delivery	Power cord, HF cable (1.5 m), vacuum tubing for aspiration system for medela, vacuum tubing for aspiration system for serres, wireless footswitch with batteries
Dimensions	460 mm x 195 mm x 420 mm
Weight	16 kg
Mains voltage	100 V to 240 V

Cart

Article no.	CU-900
Scope of delivery	with holder for aspiration canister, storage basket, irrigation bottle holder
Weight	18 kg

Ultrasonic unit and cart

Söring GmbH
Justus-von-Liebig-Ring 2
25451 Quickborn
Germany

Phone: +49 4106-6100-0
Further information at: www.soering.com

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The products may not be available in your country.
For further information please contact your local Söring partner.