



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

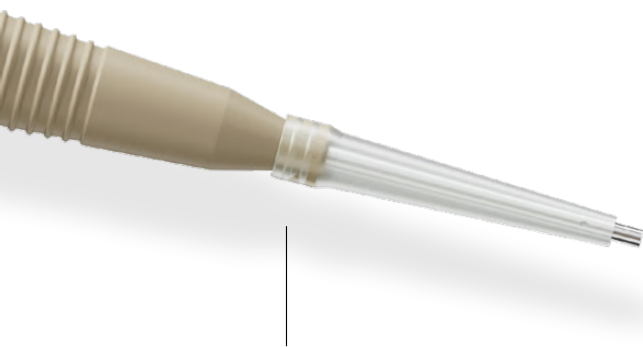
Standard



Beveled



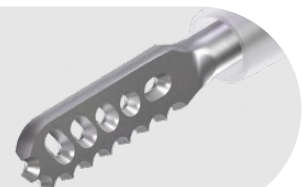
Notched



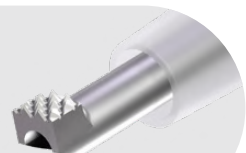
Excellent visibility due to minimal spray formation

Knife sonotrode for precise cuts, rasp sonotrode for precise removal

Knife sonotrode

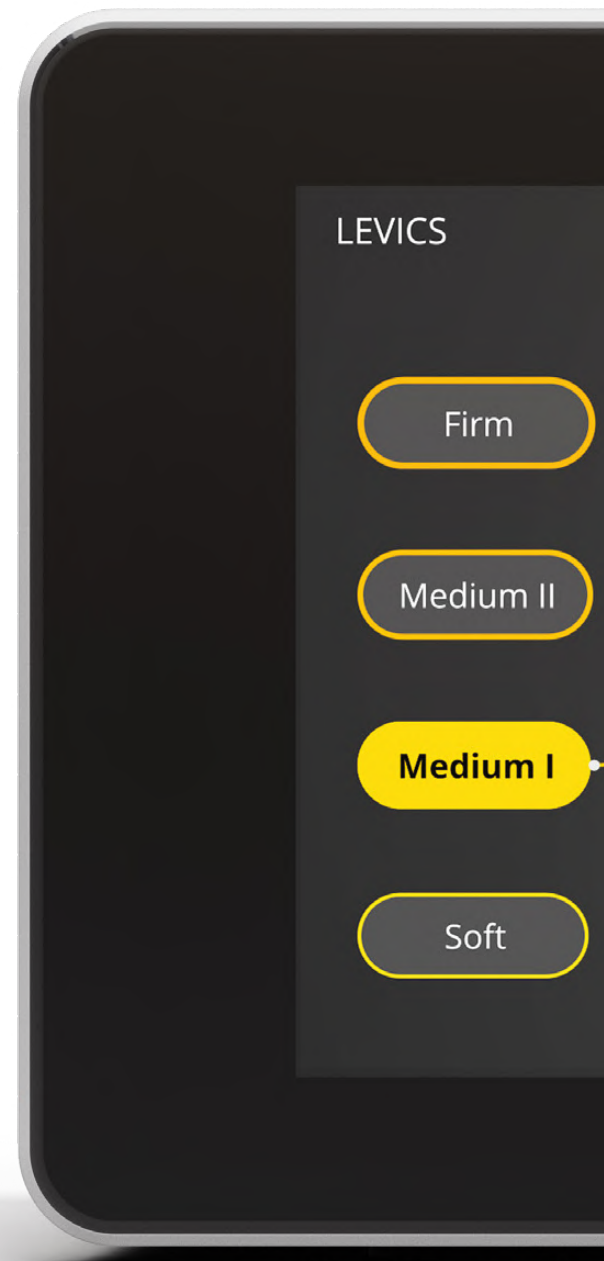


Rasp sonotrode

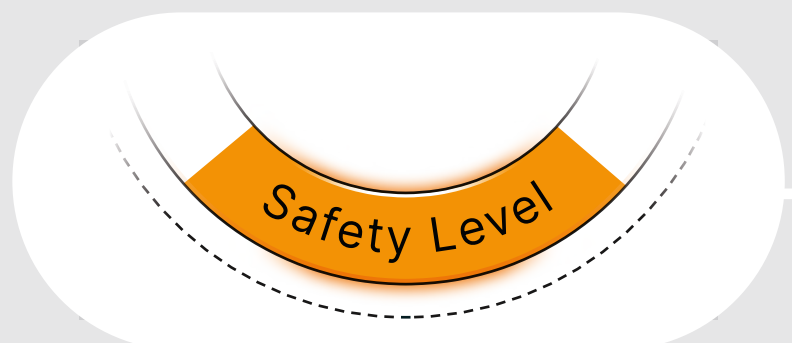


High level of safety and control during resection on critical structures and smooth processes in the OR.

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).

Firm

Medium II

Medium I

Soft



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

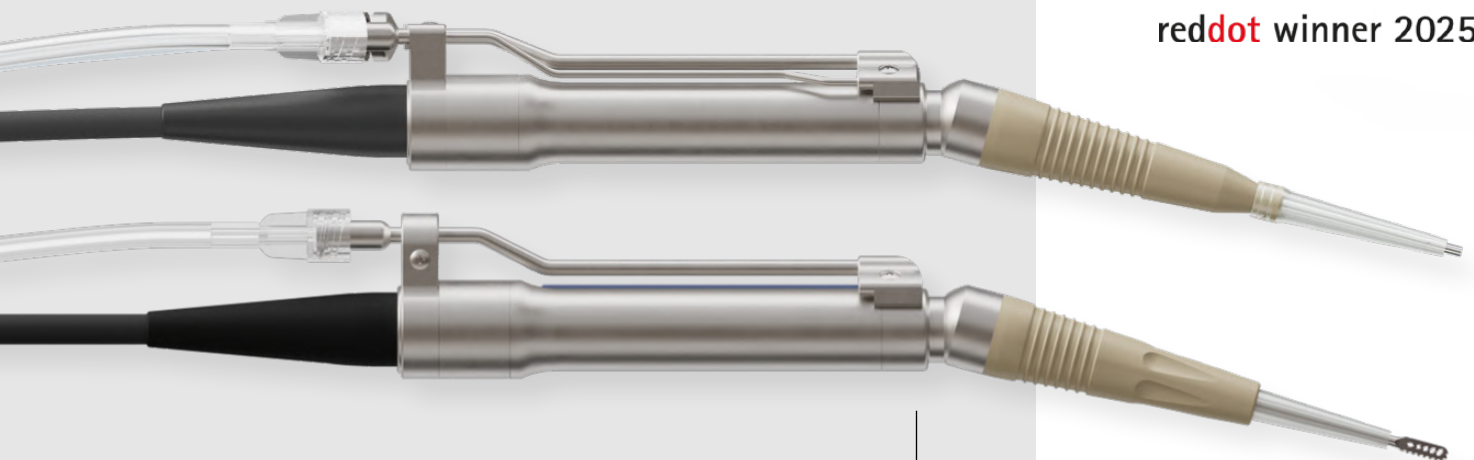
Small dimensions, low weight

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



Precisely controlled,
quiet aspiration pump

Assembly with tubing cassette
and automated preparation



Wireless foot switch
with Safety Level button

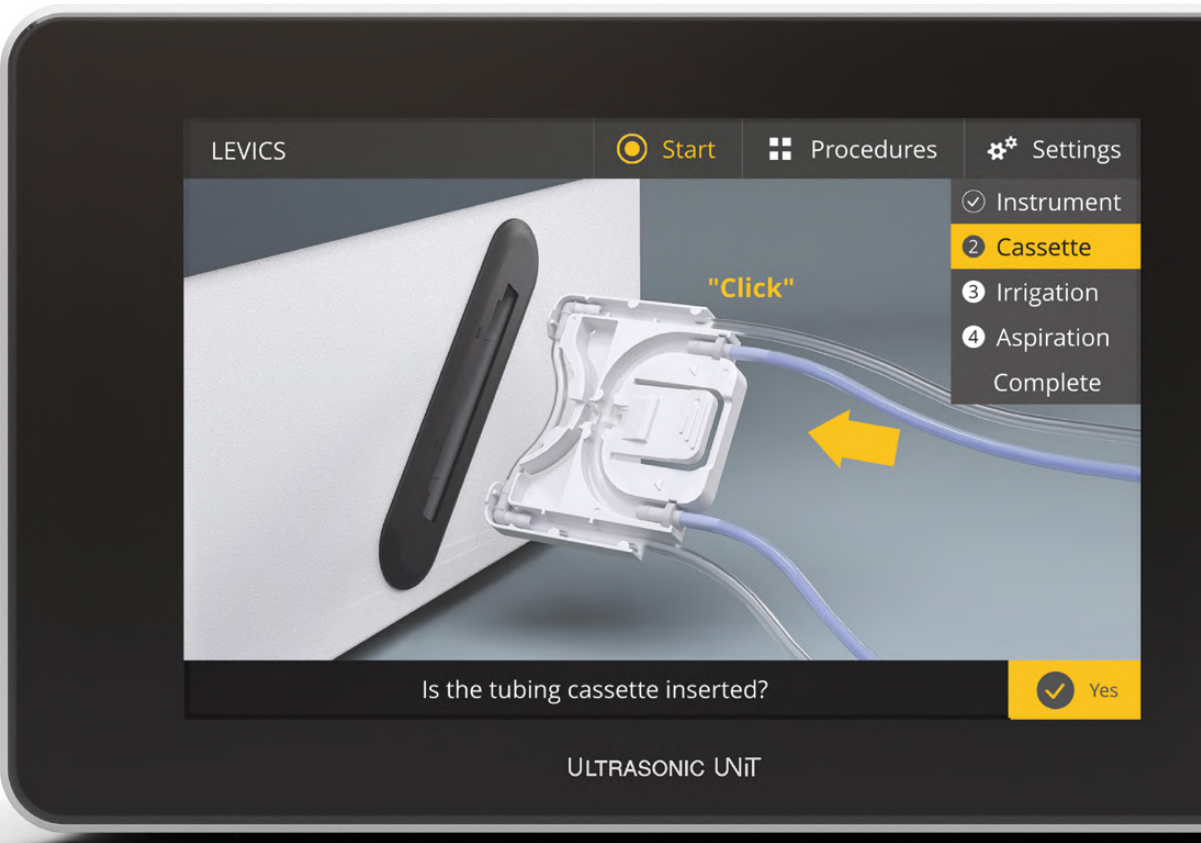


Double tubing with tubing cassette
for easy assembly



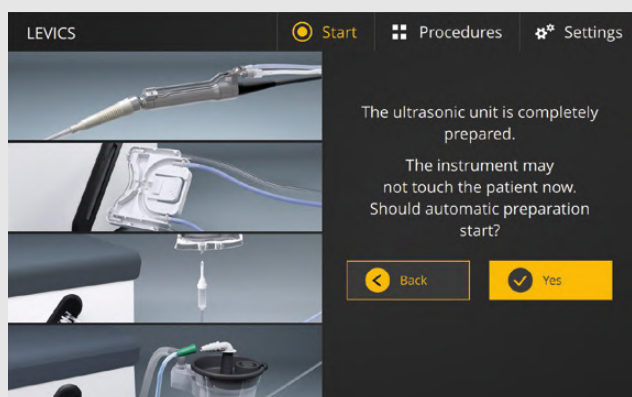
Secure and fast
sonotrode assembly

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



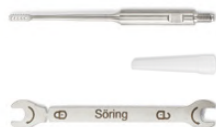
LEVICS double tubing, luer, for SUU-900 _____

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	Including flue and
	torque wrench	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 mm ²	4 mm ²
Delivery Reprocessing	sterile single-use	sterile single-use
Scope of delivery	Including flue and	Including flue and
	torque wrench	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

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*Registration required.

Specifications, design and accessories of the products are subject to change without notice.

The products may not be available in your country.

For further information please contact your local Söring partner.