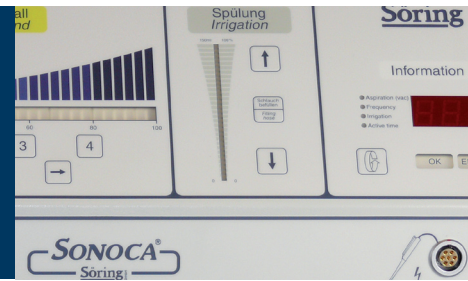


ULTRASOUND IN NEURO SURGERY ULTRASONIC INSTRUMENTS



Ultrasonic handpieces for selective dissection of tumors and tissue in the neuro surgery field.

All handpieces can be connected to the **SONOCA 300** and **SONOCA 400**.

Due to long lasting experiences and consequent advancements of our **SONOCA** devices and handpieces it has been possible to create a perfect range for neuro surgery.

- Simple operation
- Ergonomic design
- Low weight
- Effective power for all indications
- Efficient results
- Reusable
- Low follow-up costs



Handpieces for use on the skull of base for removal of soft tissue on the bone.

Micro Pen handpiece, spatula shape, short, Art. No. 91-024



Micro Pen handpiece, spatula shape, long, Art. No. 91-025



Handpieces for the removal of very small tumors.

Micro Pen handpiece, short, curved, Art. No. 91-020



Micro Pen handpiece, long, curved, Art. No. 91-021



Handpieces for the dissection of soft and hard tumors.

Micro Suction Pen handpiece, short, curved, Art. No. 92-020



Micro Suction Pen handpiece, long, curved, Art. No. 92-021



Micro Suction Pen handpiece, long, curved, Art. No. 92-112



Handpiece for use in neuro-endoscopy.

Ultrasonic ENP handpiece, Art. No. 92-030



TECHNICAL DATA									
	91-020	91-021	92-020	92-021	92-112	92-030	91-024	91-025	UNIT
WORKING LENGTH	30	140	35	97	105	140	180	250	mm
ACTIVE LENGTH						13	30	30	mm
GUIDE TUBE						3,0			ø mm
TIP OUTSIDE	1,4	1,4	2,0	2,0	2,3	2,0			ø mm
TIP INSIDE	0,9	0,9	1,4	1,4	1,7	1,4			ø mm
FREQUENCY	35	35	35	35	35	35	35	35	kHz
WEIGHT	47	52,5	81	82	83	110	47	52,5	g
ACTIVATION	Footswitch	Footswitch	Footswitch	Footswitch	Footswitch	Footswitch	Footswitch	Footswitch	
IRRIGATION	central	central	outside	outside	outside	via Endoscope	central	central	
ASPIRATION			central	central	central	central			

Usable with SONOCA 300 / 400.

Handpieces can be autoclaved. Reconditioning of all handpieces by external company validated.

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

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

STAMP