

## ULTRASOUND IN LIVERSURGERY ULTRASONIC INSTRUMENTS



Söring GmbH offers a wide range of hand-pieces for connection to **SONOCA 300** or **Sonoca 400**.

Beside the classics for open surgery, our latest innovations, the ultrasound high frequency hand-piece and the handpiece for laparoscopic applications are convincing in the Liver surgery.

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



**ALL HANDPIECES LISTED BELOW ARE PRIMARY USABLE FOR LIVER TRANSPLANTATION AND PARTIAL HEPATECTOMY. THE HANDPIECES DIFFERS IN SHAPE, LENGTH OF SONOTRODE AND THE TIP DIAMETER.**

Macro Handpiece, Art. No. 94-101  
short, curved – e. g. for use in selective preparation of a breast carcinoma.



Macro Handpiece, Art. No. 94-103  
short, – e. g. for use in axillar lymphadenectomy.



Macro Handpiece, Art. No. 94-106  
short, curved – e. g. for use in removal of glioblastomen and meningiom.



Macro Handpiece, Art. No. 94-054  
LUD for 5 mm trocar – e. g. for use in laparoscopic/transvaginal cholecystectomy, fundoplicatio, sigmoidectomy.



Ultrasonic dissector Sonoca 300 and the high frequency device  
MBC 601 UAM with Twin Trolley: Art. No. 700S0122

US-HF-Handpiece, Art. No. 94-101 HF  
short, curved

Both Handpieces are for use in e.g. partial nephrectomy.



US-HF-Handpiece, Art. No. 94-106 HF  
short, curved



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



TECHNICAL DATA							
	94-101	94-103	94-106	94-101 HF	94-106 HF	94-054	UNIT
OVERALL LENGTH	255	255	266	256	255	535	mm
WORKING LENGTH	45	45	50	40	50	48	mm
TIP OUTSIDE	3,3	3,3	2,2	3,3	2,2	3,5	ø mm
TIP INSIDE	2,2	2,2	1,7	2,2	1,7	2,2	ø mm
FREQUENCY	25	25	25	25	25	25	kHz
WEIGHT	170	182	170	251	251	175	g
ACTIVATION	Footswitch	Footswitch	Footswitch	Footswitch	Footswitch	Footswitch	
IRRIGATION	outside	outside	outside	outside	outside	inside	
ASPIRATION	central	central	central	central	central	central	

Usable with SONOCA 300/400

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

[www.soering.com](http://www.soering.com)

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