

Ultrasonic liver surgery:

**HEPACCS – cutting-edge dissection experience**





## → Ultrasonic liver surgery: **HEPACCS – cutting-edge dissection experience**

HEPACCS instruments offer latest technology, excellent design and a variety of product options for open and laparoscopic liver surgery.

Using HEPACCS the dissection is very precise and desired structures are kept intact. The light-weight and well balanced HEPACCS instruments feel natural

in surgeon's hand and offer an easy and comfortable working. For current and future needs the HEPACCS assortment provides a wide range of product solutions – comprising a fully integrated HF coagulation function and a laparoscopic sonotrode with an outstanding small sheath diameter for minimal invasive procedures.



### **HEPACCS – cutting-edge dissection experience:**

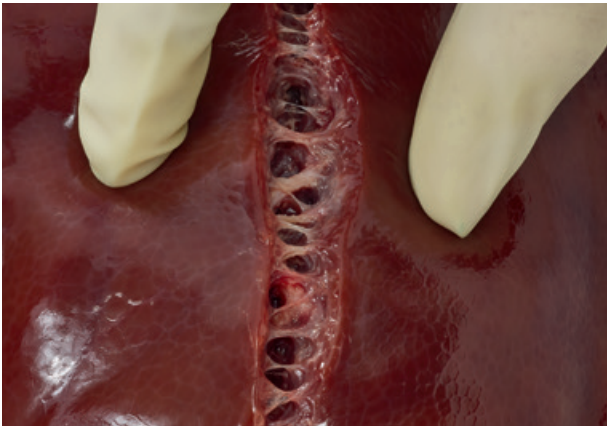
- +** Latest technology - surgical precision for liver resection
- +** Easy and comfortable working - designed for surgeon's hand
- +** Future-oriented full assortment - for leading laparoscopic surgery



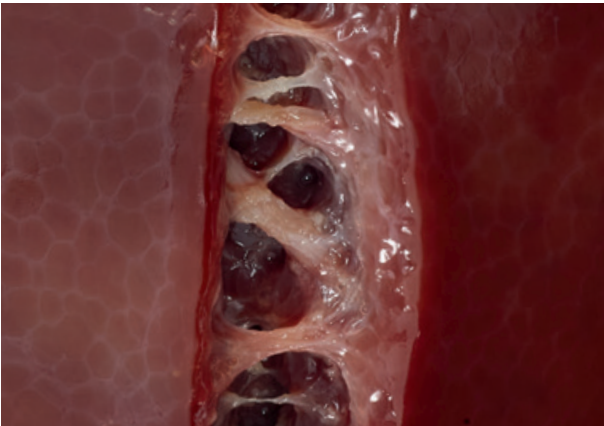
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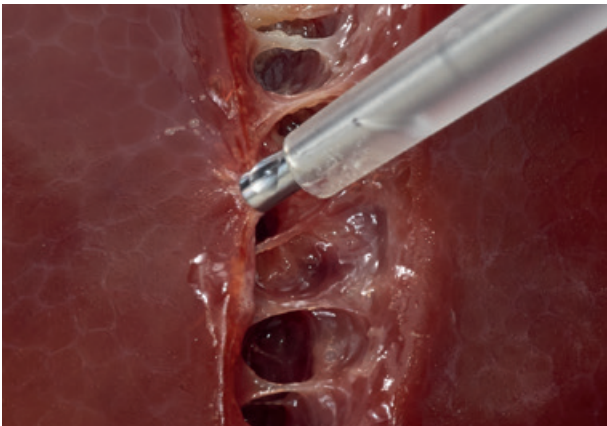
Working with HEPACCS is focussing on the essential:



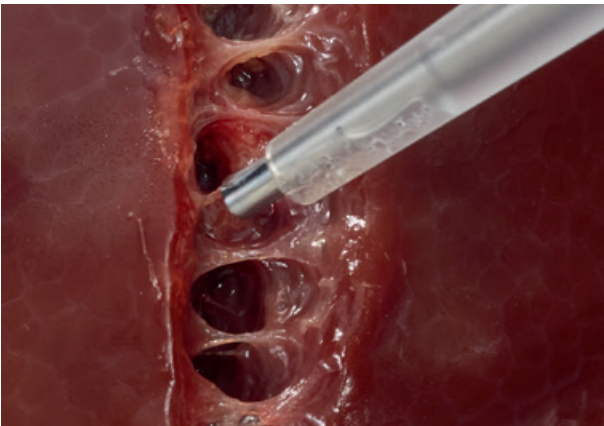
• *desired structures are kept intact*



• *precise tissue dissection*



• *minimal adhesion and sticking to tissue*



• *excellent visibility and minimal spray formation*

**HEPACCS incorporates the latest technology:**

- *powerful ultrasonic converter*
- *precisely designed sonotrodes geometrics*
- *harmonised irrigation and aspiration*
- *further developed software*

Pictures above show porcine liver exemplary, which was prepared in a laboratory setup.

Easy and comfortable working:  
**designed for surgeon's hand**

The ergonomic HEPACCS design provides comfort in a variety of surgical situations during liver resection.



# Future-oriented full assortment: for leading laparoscopic surgery

The HEPACCS instrument for laparoscopy enables minimal invasive surgery by the outstanding small sheath diameter of 4.95 mm and a fully integrated monopolar HF coagulation function.

### HEPACCS instrument for laparoscopy:

- 4.95 mm sheath diameter - over the entire working length
- 2 energies - ultrasound and monopolar HF coagulation for interruption free workflow
- 312 mm working length - merges perfectly with standard used laparoscopic instruments



### Flexibility thanks to modularity

HEPACCS future-oriented full assortment offers six flexible instrument options through two instruments and three sonotrodes for open and laparoscopic surgery.

### 3 sonotrodes

2.2 mm tip



3.2 mm tip



2.6 mm tip



### 2 instruments



### 6 options - for open and laparoscopic surgery

# At a glance: HEPACCS product overview

### HEPACCS instrument



Article no.

95-300

### HEPACCS instrument with HF



Article no.

95-300-HF

### HEPACCS instrument tray



Article no.

616K0200

### HEPACCS torque wrench



Article no.

616K0009

### HEPACCS combination tubing



Article no.

700S0318-10

Delivery | Reprocessing

sterile | single-use

### HEPACCS sonotrode and flue



Article no.

617K0914

617K0922

Working length sonotrode

48 mm

41 mm

Outer Ø | Inner Ø of the sonotrode

2.2 mm | 1.4 mm

3.2 mm | 2.2 mm

Delivery | Reprocessing

sterile | single-use

sterile | single-use

### HEPACCS sonotrode and flue, lap.



Article no.

617K0930

Working length sonotrode

312 mm

Outer Ø | Inner Ø of the sonotrode

2.6 mm | 1.7 mm

Delivery | Reprocessing

sterile | single-use

### The SONOCA 300 ultrasonic generator

The SONOCA 300 is characterised by its high reliability and ease of use.

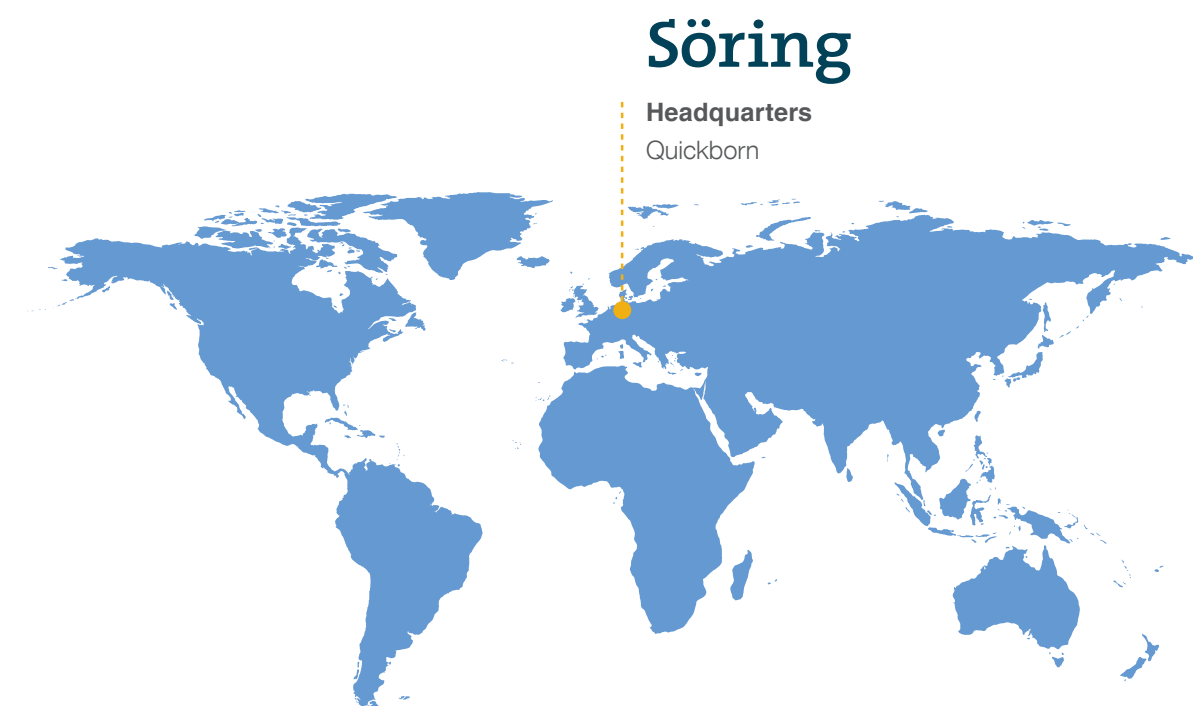
### The advantages at a glance:

- integrated irrigation and aspiration function
- quick set up with automatic self test
- presetting of power parameters
- easy operation



# Trusted performance: over 35 years leading innovation

Headquartered in Quickborn, Germany, Söring GmbH was founded in 1985 by Holger Söring, and has been manufacturing high-end products for ultrasonic surgery ever since. The company stands for leading ultrasonic technology with its numerous established applications for liver surgery, neurosurgery and spine surgery as well as for wound debridement. At Söring, everything is “Made in Germany”: from development and production to distribution. The wide range of products is always optimised and expanded in close cooperation with leading surgeons to achieve maximal customer satisfaction. Following this understanding, the company offers a comprehensive maintenance and servicing programme.



## Söring

**Headquarters**  
Quickborn

### Distributors

Söring and its distributors operate in more than 90 countries worldwide.

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