

the next level in precision surgery ultrasound



Robotic Surgery

The advantages of robotic-assisted surgeries are evident: steady, small, flexible, objective and accurate, improving the outcome of delicate procedures. Seamlessly integrate our drop-in ultrasound probes to identify key landmarks and guide successful treatment - with direct control, great precision and dexterity.

Get a 360° surgical flex for optimal in-situ usability

Our intraoperative drop-in probes help robotic surgeons navigate inside the human body and make critical decisions, fast. Thanks to the small footprint, ideal location of the grasping fin, soft cable and lightweight design, you can freely articulate the full robotic wrist in 360°. Use the measurement grid for immediate assessment of lesion size – and experience optimal in-situ usability for even the most complex kidney, prostate, HPB, gynaecological or colorectal procedures.

Benefit from linear array - plus a wide field of view

Our robotic drop-in probes are designed for one purpose: high surgical performance. As a natural extension of the robotic arm, the linear array not only offers ultrasound images in highest resolution, the flat tip, that comes in two different sizes, also provides firm contact with the organ surface at every angle. Further enlarge your field of view with Trapezoid, a virtual convex mode – and identify and delineate tumour margins with highest precision.

Choose from two functional lengths – to perfectly image your target

We know that you need the best match for the particular surface geometry of your target organ. Which is why our drop-in probe comes in two different sizes. Choose the longer L43K to create best images of larger abdominal organs where a wider field of view is necessary. Experience ultimate freedom of movement with the shorter L51K for delicate procedures like RAPN or prostatectomy.







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Add more insights about tumour size, structure, tissue stiffness and blood flow with our cutting-edge imaging modalities: highly sensitive Colour and Doppler modes to visualize blood flow; contrast-enhanced ultrasound to classify tumours; elastography to differentiate tissue elasticity. So, assess your patient's status from various angles, stay flexible, react quickly and make informed decisions.

Three options – one probe for robotic, laparoscopic and open surgery

Every patient and every procedure is different. Which is why we have designed our drop-in probes to be versatile: you can firmly grasp the fin with a robotic surgery arm, use laparoscopic forceps instruments or your hand. Start minimizing cost and maximising functionality and choose your surgical approach every time: robot-assisted, laparoscopic and open surgery. With one single probe.



