Statements

SURGICAL ASSISTANCE SYSTEMS

Surgery and technology in harmony

For a wide variety of surgical interventions laparoscopic techniques have become established as standard procedure. Perfect imaging is the basis for safe and effective surgery. Stable support and flexible positioning of the endoscope are of paramount importance. This is where the SOLOASSIST is ideal, relieving your team's workload.

This is what users have to say

Prof. Dr. Hubertus Feussner

"I am convinced that surgical assistance systems have a future in the operating theatre. Surgeons are regaining control of their field of vision for the very first time, thanks to assistance systems. This is something that has hitherto been lacking in the field of laparoscopy so far."

Prof. Dr. Alois Fürst

"In my experience the SOLOASSIST system provides a completely steady and shake-free image. Although I am practically performing the surgery alone, the system has made operating even easier and safer."

PD Dr. Dieter Birk

"We have performed more than 1000 procedures with the SOLOASSIST. From our point of view, the SOLOASSIST can be used in the upper and lower abdomen, but it can also be used very efficiently in more challenging procedures such as in bariatric surgery."

Visceral surgery

- Cholecystectomy
- Appendectomy
- Gastroenterological procedures
- Fundoplicatio
- Gastric Banding

Urology

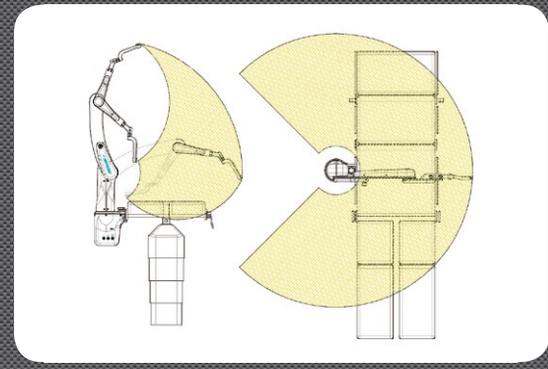
- Nephrectomy
- Vasectomy
- Adrenalectomy
- Prostatectomy

Gynaecology

- Tubal Ligation
- Hysterectomy
- Cystectomy
- Ovarectomy

This list of possible procedures is not exhaustive

SOLOASSIST Technical data



Work space / dimensions:	
Weight:	9,5 kg
Compatibility:	All commercially available endoscopy optics are adaptable
Approval:	CE / Class I
Save working load:	1 kg
Supply voltage:	100 - 240 Volt, 47 - 63 Hz

Designed and manufactured by

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AKTORmed™
ROBOTIC SURGERY

SOLOASSIST Robotic camera control

Give yourself freedom

Intelligent assistance systems for minimally invasive surgery

- | Surgery
- | Urology
- | Gynaecology

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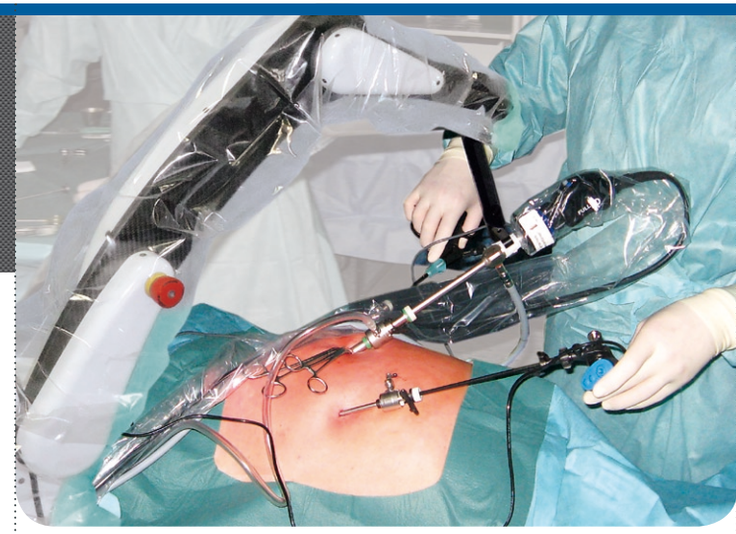
SOLOASSIST – Robotic camera control

The assistance system for MIS surgery

- Full functionality for visceral surgery, urology and gynaecology.
- Stable and shake-free image, enhancing the quality of surgery.
- Assistants can focus on the surgical process completely, thus actively supporting the surgeon.



Dynamic manual positioning

Robotic camera control

Stable OP field of vision

- The system provides surgeons with a stable and rock-steady OP field of vision, even in extreme endoscopic positions.
- The wide scope of movement allows surgeons full visibility of the operating sites - without any restrictions. There is no need to alter your customary way of working.

Safe and sterile working

- A stable image allows surgeons to work in a more relaxed manner, maintaining a reliable view of essentials.
- Even extreme camera positions can be maintained for as long as required which is a clear advantage over manual camera control.
- Joystick, joint and camera support are autoclavable. The device as such is covered by a sterile single-use drape.

Surgery | Urology | Gynaecology

SOLOASSIST

Demonstration film SOLOASSIST

Precise robotic control

- With minimally invasive procedures, surgeons work with both hands. As a consequence, the SOLOASSIST is controlled by a joystick positioned on the instrument.
- The ergonomic joystick can be adapted to fit almost all commercially available handpieces by using a clamp mount.
- The functional design of the joystick makes it easy to handle and the keypad ensures safety of surgery.

Dynamic manual positioning

- At the push of a button, the arm becomes moveable and can then be pulled into the desired position. When the button is released it locks immediately, remaining in the set position.
- The release button is located on the distal end of the arm in an easily accessible position.

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