



EiMIT

DS

Dex Surgical



Robotized Laparoscopic Instruments



French Technology

INNOVATIVE TECHNOLOGIES FOR MINIMALLY INVASIVE SURGERY

Dex Surgical's obsession is innovation with the objective to allow the surgeon's wrist mobility to be transposed inside the patient during Minimally Invasive Surgery.

A close collaboration with surgeons and 3 patents have led to **Dex Device™**: a Mechatronics system that includes Micromechanics, Embedded Electronics and Software Engineering to deliver a precise and safe procedure while drastically improving comfort during laparoscopic surgery.

More than **3 000 patients across the world** have already benefited from DEX Technologies™.

PRECISION DEX 3D DISTAL MOBILITY TECHNOLOGY™ (PATENTED)

- Seven degrees of freedom providing a complete 3D Distal Mobility
- Multi-axis motorized motion
- High precision gear transmission

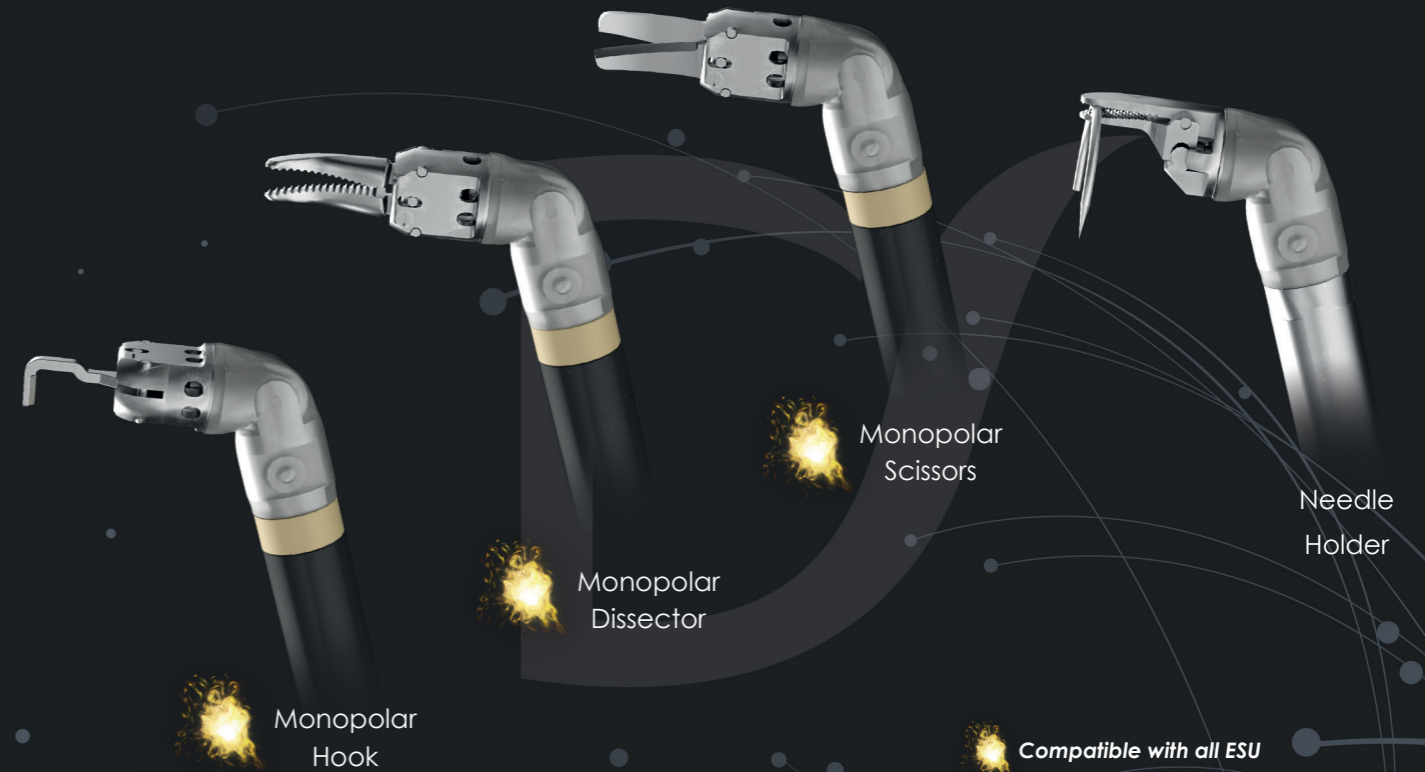


7 DOF



COMFORT DEX ADVANCED WRIST TECHNOLOGY™ (PATENTED)

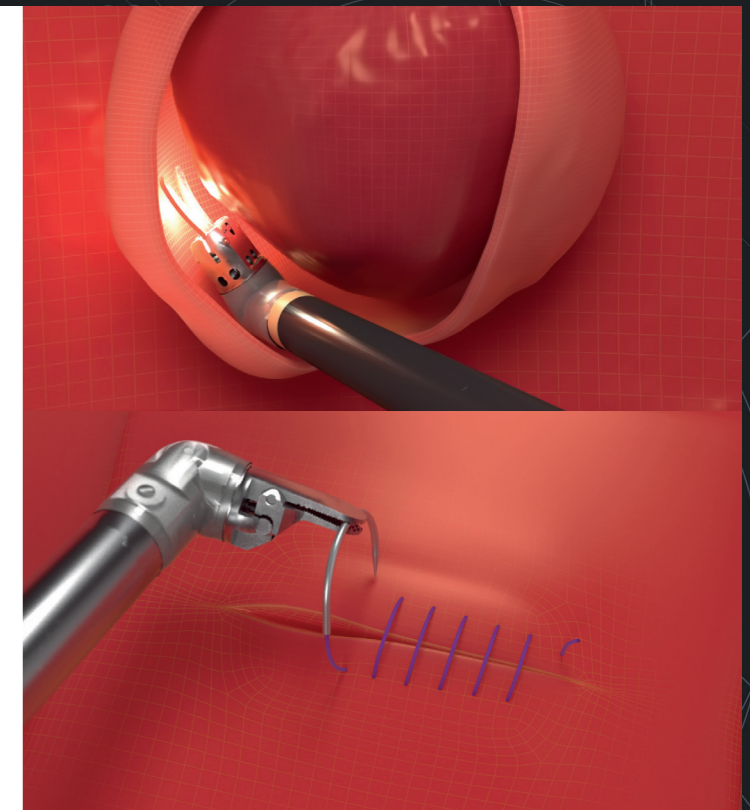
- Articulated handle for the best postural comfort in laparoscopy that eliminates wrist strain
- Proximal compact volume to reduce instruments conflict
- Electronic assisted movements that dissociate prehension from axis control



DISSECTION & SUTURING

- Full range of instruments dedicated to all specialities
- Short tip and infinite rotation of the distal end for easy access in narrow spaces
- Your key partner for posterior dissection and frontal plan suturing

Intended use: The DEX device laparoscopic instruments have application in a variety of minimally invasive procedures to facilitate grasping, mobilization, dissection, suturing, transection and electro-cauterization of tissues.



DEDICATED TO ALL SPECIALTIES



DIGESTIVE / GENERAL SURGERY

- Hernia repair
- Bariatric surgery
- Rectum / Colon surgery
- ...



UROLOGY

- Radical prostatectomy
- Partial Nephrectomy
- Pyeloplasty
- ...



GYNAECOLOGY

- Sacrocolpopexy
- Hysterectomy
- Myomectomy
- ...

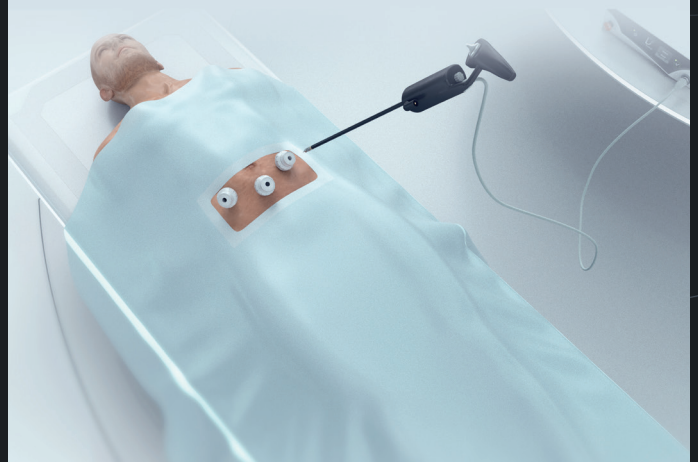
SMART AND CONVENIENT

- Fully compatible system for laparoscopy in any Operating Room
- 2 minutes installation
- Reusable and completely steam sterilizable 132°C/134°C



CONTROL & SAFETY

- Laparoscopic skills: short learning curve
- Surgeon stays in the sterile field close to the patient
- Keep haptic feedback during dissection and suturing



CERTIFICATION QUALITY IS OUR PRIORITY



K191878

FDA Cleared for US market



13485

Medical Device Quality Systems



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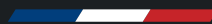
CE marked for European Union's



REFERENCE

- E-1301 / Console
- P-1301 & P-1302 / Control Handle
- B-1301 / Needle holder - 35 cm
- B-1304 / Monopolar Scissors - 35 cm

- B-1505 / Monopolar Maryland Dissector - 35 cm
- B-1506 / Monopolar Hook - 35 cm
- M-1304 / Single use Monopolar sleeve
- 2090-MDS / Single use Protection sleeve



Made in France



Dex Surgical

Innovative Technologies for Minimally Invasive Surgery

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