



3mm Laparoscopy

The natural evolution towards even less invasive surgery

3mm Laparoscopic Instruments

The 3mm product range from LaproSurge includes a comprehensive range of reduced-diameter laparoscopic instruments enabling surgeons to perform less invasive surgery without a compromise on strength or rigidity of instruments.

3mm laparoscopy provides many undeniable clinical and cosmetic advantages without requiring the surgeon to alter operating technique. Accessing the abdominal cavity through 3mm ports has both the cosmetic benefit of reduced skin scarring and the clinical benefits of a reduced level of tissue damage, port-site herniation and wound infection, faster recovery and a reduction in pain scores.

The high quality 3mm instruments from LaproSurge enable surgeons to achieve the ergonomics of conventional laparoscopic triangulation with the numerous additional advantages of reduced incision-size

3mm Cannulas and Trocars

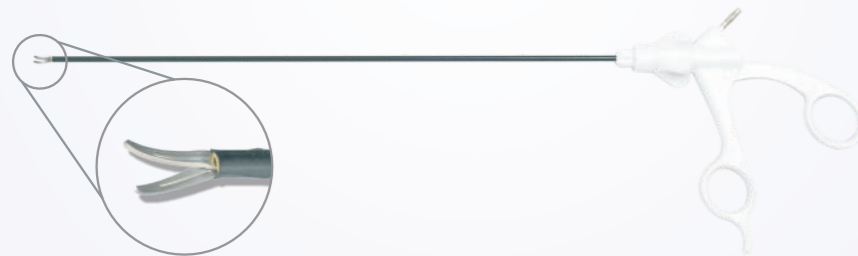
- Simple design to provide low-friction access for 3mm instrumentation
- Low profile cannula head reduces extracorporeal working space used
- Extremely lightweight to prevent drooping in abdominal wall



- Bladeless trocar combines benefits of dilating tip for reduced tissue damage and high abdominal wall retention with low insertion force of small diameter trocars

Product	Ordering Code	Working Length	Box Qty
3mm Cannula without Gas Tap	EC3SS-C	60mm	20
3mm Cannula with Gas Tap and Bladeless Trocar	EC3SSB(GT)	60mm	20
3mm Cannula without Gas Tap and Bladeless Trocar	EC3SSB	60mm	20

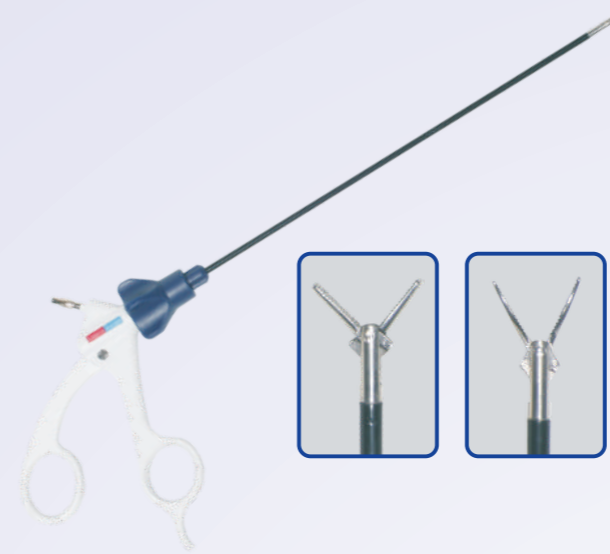
3mm Monopolar Scissors



- Double action scissors with curved blades to increase visualisation of blade tip during cutting
- Exceptional shaft strength and rigidity
- 360° finger-tip rotation for precise control of tip orientation
- Full insulation of shaft up to scissor blades for increased safety

Product	Ordering Code	Working Length	Box Qty
3mm Curved Scissor – Standard	LS006-3	310mm	5
3mm Curved Scissor – Short	LS006-3S	230mm	5

3mm Monopolar Graspers and Dissectors



- Double action jaws with wide opening angle
- Exceptional shaft strength and rigidity
- 360° finger-tip rotation for precise control of tip orientation
- Low-protruding hinge joints prevent catching on sutures
- Highly ergonomic handle design combines comfortable grip for surgeon with impressive tactile feedback and smooth movement of jaws

Product	Ordering Code	Working Length	Box Qty
3mm Monopolar Maryland Dissector – Standard	LG005-3	310mm	5
3mm Monopolar Maryland Dissector – Short	LG005-3S	230mm	5
3mm Monopolar Johan Grasper – Standard	LG006-3	310mm	5
3mm Monopolar Johan Grasper – Short	LG006-3S	230mm	5

3mm Bipolar Graspers and Dissectors

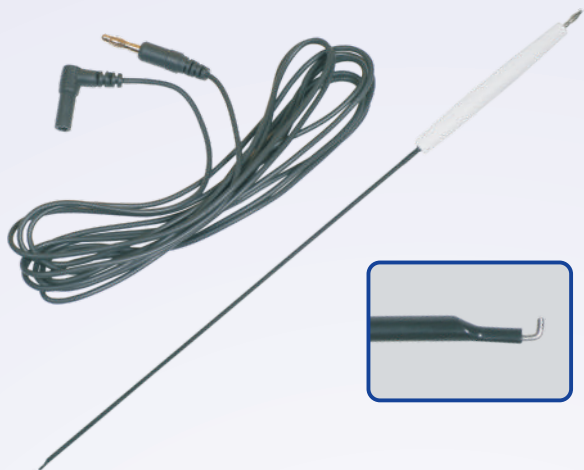


- Reduced diameter instruments for controlled coagulation and dissection of tissue
- New 3mm design further reduces risk of thermal spread to surrounding tissue
- Double action jaws with impressive opening angle
- 360° finger-tip rotation for precise control of tip orientation

Product	Ordering Code	Working Length	Box Qty
3mm Bipolar Maryland Dissector – Standard	BPM003	310mm	10
3mm Bipolar Maryland Dissector – Short	BPM003-S	230mm	10
3mm Bipolar Johan Grasper – Standard	BFG003	310mm	10
3mm Bipolar Johan Grasper – Short	BFG003-S	230mm	10

Achieving numerous cosmetic and clinical benefits without a compromise on quality, strength or rigidity

3mm L Hook Monopolar Electrode



- 3mm monopolar electrode used to coagulate, transect and dissect tissue.
- Low profile handle design for comfortable pencil grip
- Fine L-shape tip design provides easy penetration through tissue
- Exceptional shaft rigidity provides high level of strength for tissue manipulation
- Standard 4mm male plug connector - monopolar cable also available

Product	Product Code	Working Length	Box Qty
3mm L Hook – Standard	HE003 *	330mm	10
3mm L Hook – Short	HE003-S *	230mm	10
Monopolar Cable	MC001	3 metres	25

3mm Suction Irrigation



- The reduced diameter shaft provides a more concentrated spray for a more accurate irrigation
- Ergonomic traditional trumpet-grip handle to provide comfort for all hand sizes – handle is also reversible for additional flexibility
- Suction and irrigation flows are controlled by colour-coded fingertip trumpet valves
- Controls are lubricated to reduce friction and ensure smooth and precise function control
- Screw thread for disconnection of 3mm probe if necessary - compatible with a range of interchangeable 5mm and 10mm probes and diathermy accessories
- Available with dual-spike irrigation for rapid bag changes

Product	Product Code	Working Length	Box Qty
3mm Suction Irrigation – Standard	MD001-3 *	330mm	10
3mm Suction Irrigation – Short	MD001-3S *	230mm	10



WWW.TOPSURGE.PT
 PHONE: (351) 256 330 356
 MOBILE: (351) 913 312 599
 S. M. FEIRA - PORTUGAL