



## *LAPAROSCOPY AT A GLANCE*

LAPAROSCOPIC EQUIPMENT FOR USE IN PAEDIATRICS, UROLOGY, GYNAECOLOGY, BARIATRICS AND ALL OTHER SURGICAL APPLICATIONS IN LAPAROSCOPY

# UNITS



## EQUIPMENT TROLLEYS

- Flexible in configuration. With or without: drawer unit, rear wall, transformer, cable channel,...
- Huge range of accessories
- Secure stand at all times



## MONITORS

- Full HD and 4K/UHD
- Different brands available
- Standard sizes 19 – 55 inches
- Further models on request



## CAMERAS

- Full HD and 4K/UHD
- VISO NIR range for fluorescence imaging
- 1 and 3MOS technology
- Huge range of TV adapters
- As option with integrated capture, LED light source and remote buttons on head
- Corresponding accessories like medical keyboard, foot switch,.... available



## LIGHT SOURCES

- Xenon and LED
- Laser Light Source for NIR
- Long life time
- Manual and automatic mode
- Several levels of performance and colour temperature
- Maximum flexibility due to option of rotatable adapter for different light guides as well as other components
- Fiberoptic cables available in different diameters and lengths

# UNITS



## INSUFFLATORS

- *Adaptable to CO2 cylinders or central gas supply*
- *Up to 45l/min of gas flow*
- *Available with heating system*
- *Flexibility due to wide range of accessories*



## PUMPS

- *Suction and irrigation in one unit*
- *Control via hand possible*
- *Accessories included in scope of delivery*



## HF UNITS

- *Powerful units up to 400W*
- *Available in different configuration like power, touch screen, Argon beamer,...*
- *Accessories for almost all kind of Laparoscopic procedures available*

# INSTRUMENTS



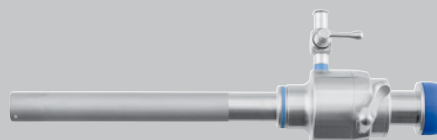
## LAPAROSCOPES

- Different sizes and diameters available
- For HD and 4K/UHD imaging
- Special designed lense system
- Selection of Mini-Laparoscopes and OP Laparoscopes with instrument channel
- Special Laparoscopes for NIR



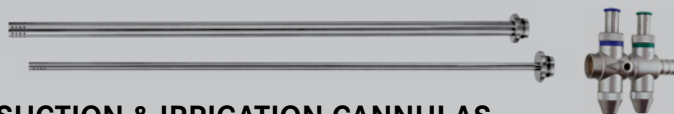
## INSUFFLATION NEEDLES

- Veress model
- For pre-insufflation
- Ø 2.0mm and 2.7mm (High Flow)
- Several lengths available



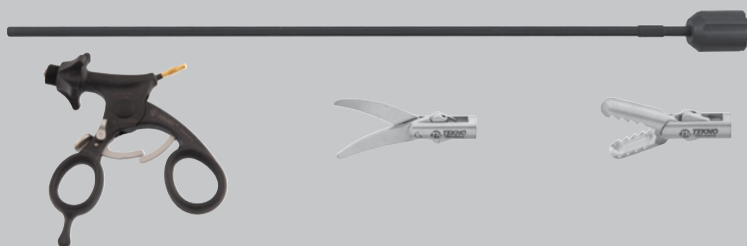
## TROCARS

- Ø 2.9mm, 3.5mm, 5.5mm, 7.0mm, 11.0mm, 13.0mm, 15.0mm and 20.0mm available
- Automatic and manual valve
- Light weight version, safety trocars, threaded tubes, XL versions, Hasson cone and all corresponding equipment
- Selection of Mini-Laparoscopes and OP Laparoscopes with instrument channel



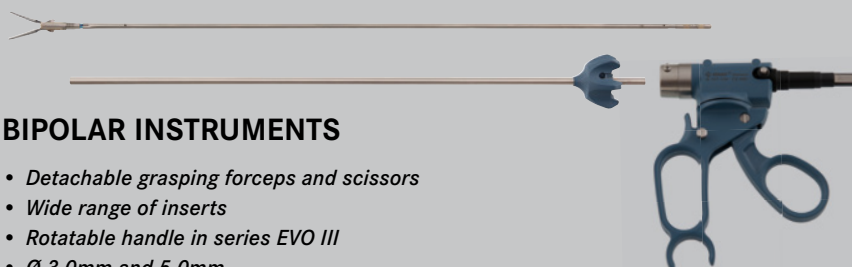
## SUCTION & IRRIGATION CANNULAS

- Several handles and cannulas available
- Modular system
- Combination with monopolar electrodes



## MONOPOLAR INSTRUMENTS

- Detachable grasping forceps and scissors
- Several handles with different kind of ratchets
- Rotatable
- Insulated sheaths
- Wide range of inserts
- Ø 3.0mm, 5.0mm and 10mm
- Lengths: 250mm, 330mm, 450mm



## BIPOLAR INSTRUMENTS

- Detachable grasping forceps and scissors
- Wide range of inserts
- Rotatable handle in series EVO III
- Ø 3.0mm and 5.0mm
- Lengths: 200mm, 250mm, 290mm, 340mm, 450mm



## MONOPOLAR & BIPOLAR ELECTRODES

- Several electrode models available
- Solid versions
- Detachable types available
- Comfort handle
- Ø 2.8mm and 5.0mm

# INSTRUMENTS

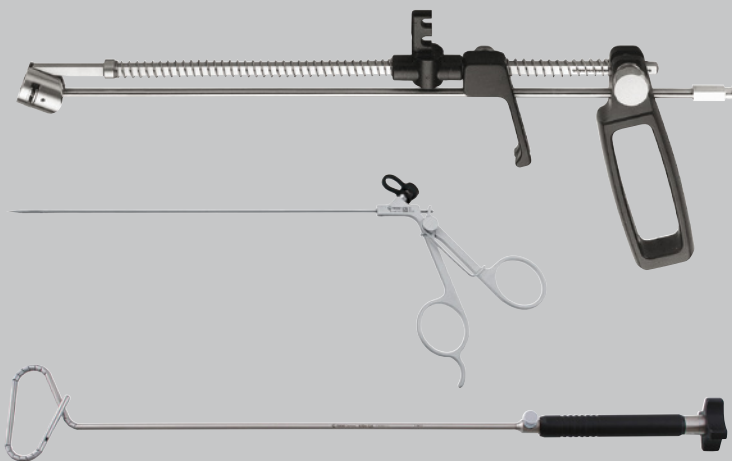
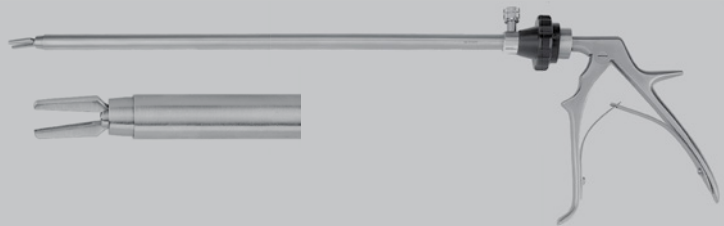


## NEEDLE HOLDERS

- *Light weight version fixed or detachable available*
- *Wide range of jaws*
- *Luer Lock models*
- *Axial handles or curved handles available*
- *Ø 3.0mm and 5.0mm*
- *Lengths: 250mm, 320mm, 330mm*

## CLIP APPLICATION FORCEPS

- *For clips type ETHICON and PILLING WECK in small, medium, medium/large and large*
- *Clips available in small, medium, medium/large and large*
- *Rotatable*
- *Detachable or fixed version*
- *Luer Lock connection*
- *Ø 5.0mm and 10.0mm*
- *Length: 330mm*



## FURTHER LAPAROSCOPIC INSTRUMENTS

- *Closure instruments*
- *Knot guides*
- *Endo-Retractors*
- *Ring applicators*
- *Uterus manipulators*
- *Uterine probes*

## CLEANING AND STERILIZATION

- *Cleaning gun and brushes*
- *Wire baskets and containers*
- *Sterilization trays for LAP instruments*
- *Various detergents*





# HIGH LEVEL SET

POS.	ITEM-NO.	DESCRIPTION	QUANTITY
10	753-0167	FSN 4K/UHD FLATSCREEN 31.5"	1
20	754-4000NIR	TEKNO VISO NIR 4K/UHD CCU WITH CAPTURE, PAL/NTSC	1
30	754-4011	TEKNO VISO 401 - 4K/UHD ZOOM-CAMERAHEAD	1
40	754-1532H	TEKNO INSUFFLATOR 45L WITH HEATING SYSTEM	1
50	754-4003	TEKNO VISO LED LIGHT SOURCE	1
60	39565-23	LED COLD LIGHT CABLE INCL. ADAPTERS	1
70	750-5060	SUCTION-/IRRIGATION PUMP FOR LAPAROSCOPY	1
80	758-1200 T	EQUIPMENT TROLLEY WITH TRANSFORMER	1
90	758-1032	HOLDER FOR GAS BOTTLES , 3/5/10 L	1
100	758-1040	HOLDER FOR CAMERA HEAD	1
110	700-028	LAPAROSCOPE 10MM, 0°, 4K/UHD	1
120	700-029	LAPAROSCOPE 10MM, 30°, 4K/UHD	1
130	704-4081	TROCAR PLASTIC BODY WITH STOPCOCK FOR 5,5MM SHEATHS	2
140	704-016	TROCAR PYRAMIDAL, ONLY, D. 5,5MM	2
150	704-452	TUBE, SMOOTH FOR AUTOMATIC-AND LIGHT- WEIGHT TROCAR, D. 5,5MM	2
160	704-061	SAFETY TROCAR,11MM,OBLIQUE AUTOMATIC LOCKING, DETACHABLE	1
170	704-4080	TROCAR PLASTIC BODY WITH STOPCOCK FOR 11,0MM SHEATHS	2
180	704-460	TUBE, SMOOTH FOR AUTOMATIC- AND LIGHTWEIGHT TROCAR, D. 11,0MM	2
190	704-000	REDUCTION SLEEVE, 11MM TO 5,5 MM	1
200	704-100	VERESS INSUFFLATION NEEDLE 2,0X120MM CHROME-PLATED	1
210	775-4003	HANDLE FOR LAPAROSCOPIC INSTRUMENTS W/O RATCHET, INSULATED, PLASTIC BLACK, ERGO	1
220	775-4010	OUTER SHAFT FOR GRASPER AND SCISSORS INSULATED 5 MM, 33CM LENGTH	1
230	775-4027 TS	PERITONEAL SCISSORS, DOUBLE CURVED „TEKNO-STEEL, INSERT ONLY 5 MM, 33 CM	1
240	775-4003	HANDLE FOR LAPAROSCOPIC INSTRUMENTS W/O RATCHET, INSULATED, PLASTIC BLACK, ERGO	1
250	775-4010	OUTER SHAFT FOR GRASPER AND SCISSORS INSULATED 5 MM, 33CM LENGTH	1
260	775-4069	MARYLAND GRASPING FCPS. CURVED, INSERT ONLY,5MM,COARSE SER.,DOUBLE ACT.,33CM	1
270	775-4004	HANDLE FOR LAPAROSCOPIC INSTRUMENTS WITH RATCHET, INSULATED, PLASTIC BLACK, ERGO	1
280	775-4010	OUTER SHAFT FOR GRASPER AND SCISSORS INSULATED 5 MM, 33CM LENGTH	1
290	775-4065	GRASPING FORCEPS, 2X4 INSERT ONLY 5 M DOUBLE ACTION, 33 CM	1
300	775-4003	HANDLE FOR LAPAROSCOPIC INSTRUMENTS W/O RATCHET, INSULATED, PLASTIC BLACK, ERGO	1
310	775-4010	OUTER SHAFT FOR GRASPER AND SCISSORS INSULATED 5 MM, 33CM LENGTH	1
320	775-4096	GRASPING FORCEPS „JOHAN“, SERRATED JAW JAW L. 20MM,INSERT ONLY,SIMPLE ACT.,33CM	1
330	775-4004	HANDLE FOR LAPAROSCOPIC INSTRUMENTS WITH RATCHET, INSULATED, PLASTIC BLACK, ERGO	1
340	775-4012	OUTER SHAFT FOR FORCEPS AND SCISSORS INSULATED 10 MM, 33CM LENGTH, PPSU	1
350	775-5043	CLAW GRASPING FORCEPS, SINGLE ACTION 10 MM, INSERT ONLY, 33CM	1
360	775-4003	HANDLE FOR LAPAROSCOPIC INSTRUMENTS W/O RATCHET, INSULATED, PLASTIC BLACK, ERGO	1
370	775-4010	OUTER SHAFT FOR GRASPER AND SCISSORS INSULATED 5 MM, 33CM LENGTH	1
380	775-4068	FORCEPS SERRATED, FENESTRATED, DOUBLE ACTION, INSERT ONLY 5 MM, 33 CM	1
390	775-4004	HANDLE FOR LAPAROSCOPIC INSTRUMENTS WITH RATCHET, INSULATED, PLASTIC BLACK, ERGO	1
400	775-4010	OUTER SHAFT FOR GRASPER AND SCISSORS INSULATED 5 MM, 33CM LENGTH	1
410	775-4243	CLAW GRASPING FORCEPS, SINGLE ACTION 5 MM, INSERT ONLY, 33CM	1
420	706-150	COMFORT HANDLE FOR ELECTRODES UNIPOLAR	1
430	706-156	HOOK ELECTRODE 90°,MONOPOLAR 5 MM D.330M	1
440	707-520	MONOPOLAR CABLE	1
450	704-111	FAN RETRACTOR 5MM, 33,6 CM W. RINSING CHANNEL, ANGLEABLE	1
460	704-106	KNOTGUIDE WITH EYELET 5MM, 330MM	1
470	708-520	NEEDLE HOLDER AXIAL HANDLE, 5MM 32CM,TC,STRAIGHT,LL-CONNECTOR	1
480	708-742	CLIP APPLICATION FCPS.10MM, 360° ROTAT. DETACHA. COMPL. F.ETHICON CLIPS MED/LARG	1
490	707-132	HANDLE WITH FLAT PLUG FOR BIPOLAR FORCEPS EVO II	1
500	707-131	TUBE FOR BIPOLAR COAGULATION FORCEPS EVO II, 34CM	1
510	707-020	BIPOL.MARYLAND DISSECTOR INSERT FOR COAGULATION FORCEPS EVO II, 34CM	1
520	707-332	BIPOLAR CABLE	1
530	90013-00	HF UNIT TOM 500, 400W, WITH ARGON AND TOUCHSCREEN	1
540	90016-01	FOOT SWITCH FOR TOM 500	1



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