



BURTONS

Range of SPiTZ Rigid Endoscopy Devices.





Our complete system for high-definition endoscopic, laparoscopic and arthroscopic surgery.

We support the needs you have and provide you the options for your individual configuration.



Universal and flexible "All in One Solution" for diagnostics and endoscopic therapy. The complete system can be easily transported, intuitively set up and used. The ultra-high resolution monitor and FullHD camera produce a high-quality image and the 60W equivalent light source provides good illumination.

- 4K HD 17,3" monitor
- LED Light Source, 60W equivalent
- Disinfectable FullHD camera for flexible and rigid optics with zoom adapter
- Endoscopic platform with video and image recorder and network connection

300-490-001

ALL IN ONE FULL HD SYSTEM

consisting of:

- A Camera head, Full HD
- B TV-Adapter, f1.4 to f3.5
- C Light guide cable with adapter
- D Laptop with software, LED Light source
- E Suitcase



Mobile endoscopy becomes possible with this High Definition camera that allows endoscopic examination with all required parts in one complete set. Integrated illumination and a high-performance camera head, powered by an external Desktop-Computer or Laptop via USB 3.0 makes examination and clinical surgery possible.

- Full HD (1920 x 1080) recording function (images / video)
- Powered by USB connection (USB 3.0 required)
- Long-life LED illumination
- Programmable camera head with adjustable brightness
- Easy software installation and interface (Software incl. patient management/storage)
- Lightweight, ready-to use design



300-001-480
FULL HD CAMERA SET
 consisting of:

- A Camera head
- B Endoscope coupler
- C Light source
- D Suitcase
- E Software



(application example)



4K 3-Chip UHD Camera K 4000

300-001-840V

Features:

- 4K UHD resolution with 3-Chip technology
- Image algorithms enhancement of color and structure
- True natural colors for excellent live surgery imaging
- Recording function (video and picture)
- Camera head with 4 push buttons
- Boost function
- Zoom, freeze, fog reduction
- 10 USER modes configurations
- Multilingual menu
- SDI 4K Output



UHD -Chip Camera Head
(included) 300-001-841

4K

Ultra High Definition Quality
3840 x 2160 PIXELS



Delivery contains:

- Main Unit (300-001-840V)
- Camerahead(300-001-841)
- HDMI cable
- USB Pen Drive
- Mains cable
- Operating manual



Recordingfunctionon
USB pen drive



Cameraheadwith4
raisedpushbuttons



Features:

- Pure Natural Colors technology
- Multitude of digital video outputs for best possible picture transmission to medical grade monitors
- Ergonomic camera head with 3 programmable remote control buttons
- User-friendly multilingual menu allows a large variety of setups for individual procedures and surgeons preferences
- Full HD 60fps video recording
- Full HD image saving
- USB pen drive included
- Text generator (optional with keyboard)
- Documentation System

FULL HD

1-CHIP FULL HD
1920 x 1080
PIXELS



3-MOS Camera Head

(included)

300-001-602



Delivery contains:

- Main Unit
- Camera head
- HDMI-DVI cable
- HDMI cable
- S-Video cable
- RGB cable
- BNC cable
- USB Pen Drive
- Mains cable
- Operating manual



HD-Camera F2 Pro

300-001-601V



3-Chip Camera F4

300-001-804V

Features:

- Full HD-Camera with latest 3-MOS technology for brilliant picture quality
- Pure Natural Colors technology
- Multitude of digital video outputs for best possible picture transmission to medical grade monitors
- Ergonomic camera head with 3 programmable remote control buttons
- User-friendly multilingual menu allows a large variety of setups for individual procedures and surgeons preferences
- Full HD 60fps video recording
- Full HD image saving
- USB pen drive included
- Text generator (optional with keyboard)
- Documentation System



Delivery contains:

- Main Unit
- Camera head
- HDMI-DVI cable
- HDMI cable
- S-Video cable
- USB Pen Drive
- Mains cable
- Operating manual



3-MOS Camera Head
(included) 300-001-802



TV Coupler for SPiTZ Camera Devices



TV Coupler, manual lock, C-mount,
soakable, FULL HD

f=14mm	300-001-813
f=25mm	300-001-814
f=28mm	300-001-815



Zoom TV Coupler, C-mount,
soakable, FULL HD

f=15 - 36mm	250-015-036
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LUMEN LED 1 Light Source

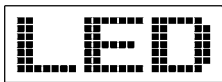
300-900-180V



Automatic/manual light intensity control



Digital light intensity display



Features:

- Daylight quality
- 20.000h lamp lifetime
- Manual or automatic light control
- Waterproof touch control panel
- Low heat conduction by improved LED technology

Delivery contains:

- Main Unit
- BNC cable
- Mains cable
- Operating manual





Fiber optic light cable, without adapter pieces

Ø2.5mm, 2300mm	250-025-230
Ø2.5mm, 3000mm	250-025-300
Ø3.5mm, 1800mm	250-035-180
Ø3.5mm, 2300mm	250-035-230
Ø3.5mm, 3000mm	250-035-300
Ø4.8mm, 1800mm	250-048-130
Ø4.8mm, 2300mm	250-048-230
Ø4.8mm, 3000mm	250-048-300



A



B



C



D



I



E



F



J



G



H



K



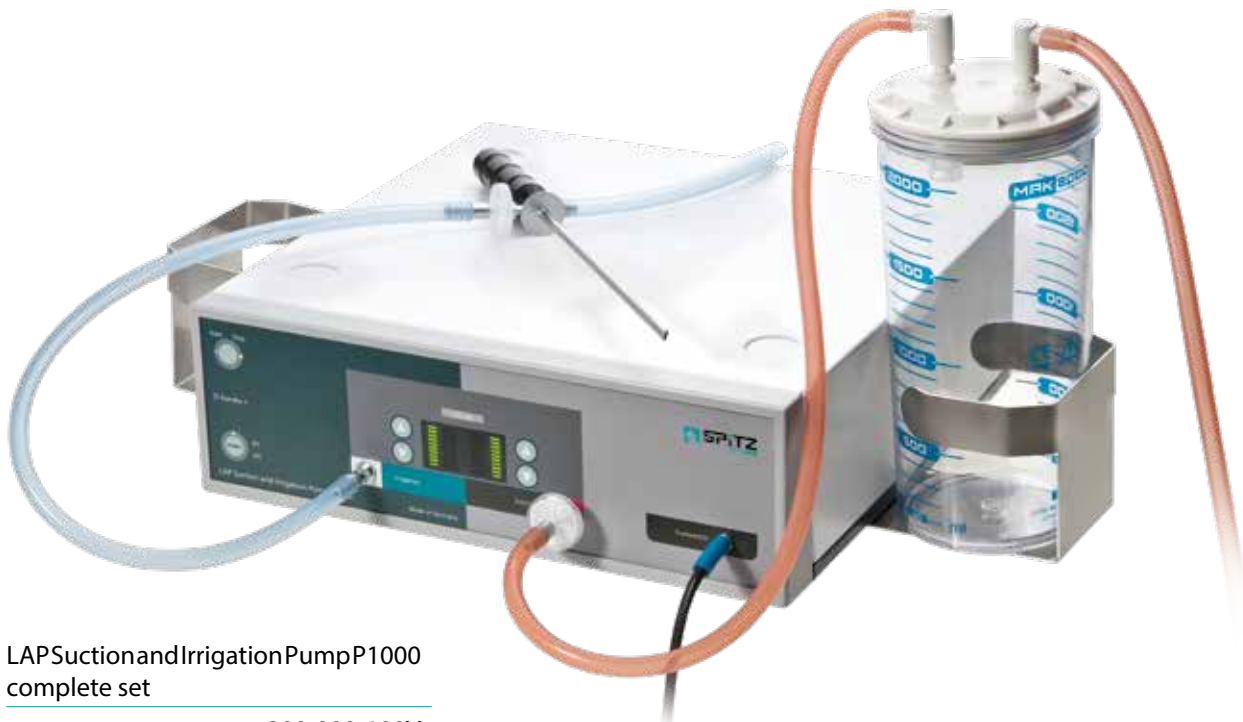
Adapter pieces for fiber light cable for use with light source

A SPiTZ/Storz	250-039-000
B Wolf	250-037-000
CACMI/BritishStandard/CUDA	250-041-000
D Olympus	250-044-000
E Luxtec	250-048-000
F Heine	250-052-000
G Stryker	250-051-000
H Pentax	250-059-000

Adapter pieces for fiber light cable for use with telescope

SPiTZ/Storz/Olympus	250-042-000
J Wolf	250-040-000
KACMI/BritishStandard	250-041-000





LAP Suction and Irrigation Pump P1000 complete set

300-000-100V



Special filters ensure sterility



Digital display shows actual suction and irrigation pressures

Features:

- Independently digital pre-setting for maximum suction and irrigation pressures
- Digital display of actual suction and irrigation pressures
- High efficiency with rates up to 3 L/minute
- Color coded tubing sets
- Skid-proof pedestals
- Standby function
- Low noise level
- Optional footswitch for comfortable operation during surgery
- Hydrophobic disposable filters for maximum patient safety
- Stainless steel housing for maximum lifetime

Delivery contains:

- Main Unit
- Suction and Irrigation Tubing Set
- Aspiration Bottle, 2L
- 2 Retainers with screws
- Puncture tube, 235mm
- 2 Hydrophobic filters, sterile
- Mains Cable
- 2 Spare Fuses
- Operating Manual



Pump P1, 110 - 230V

For Arthroscopy	225-906-000V
IrrigationTubingSet, silicone, autoclavable (included)	225-910-001
IrrigationTubingSet, PVC, 20pcs. daily tube, sterile (optional)	225-910-002
Patient Tube, PVC, 40 pcs., sterile (optional)	225-910-003

Features:

- Hydrostatic pressure regulation
- Silicone Tubing Set included (225-910-001)
- Easy to operate, splash-proofed display
- Highly reliable tube guide and handling
- Skid-proof pedestals

Delivery contains:

- Main Unit
- Tubing Set
- Mains cable
- 2 Spare Fuses
- Operating manual





Airflow A2 Insufflation Device

Features:

- User-friendly interface
- Highest safety standard for patients
- Pre-insufflation mode for use with Veress Cannulas
- High gasflow rates

Delivery contains:

- Main Unit
- Sterile Filter 300-902-007
- Wrench Set 300-902-006
- CO₂ High Pressure Tube 300-902-003
- Standard Silicone Tube 300-902-005
- Mains Cable
- Operating Manual



Airflow A2

300-900-020V





Sterile Filter

300-902-007



Wrench Set (SW30/SW17)

300-902-006



CO₂ High Pressure Tube

300-902-003



Standard Silicone Tube

300-902-005



CO₂ Bottle, 0.75kg, empty (optional available)

300-902-008

Arthroscopy Shaver System STUNNER S1



Features:

- Open window calibration of shaver blades
- 9 oscillation modes
- Controlled by buttons on the handpiece or by footswitch
- Fully autoclavable, small and ergonomic handpiece
- Dedicated shaver blades

STUNNER S1 Unit,
complete with Hand Piece and Footswitch

110 - 230V 227-001-110V

Control Unit

227-001-101V

Hand Piece

227-001-102V

Footswitch

227-001-103V



Shaver Blades



**DR PitBull
Shaver Blades**
The universal blade for
soft and hard tissue



**DR Waver Cutter
Shaver Blades**
The perfect blade for soft
tissue resection

Non-sterile, 85mm working length

Ø 3.0mm 227-016-013

130mm working length

Ø 3.0mm 227-016-113

Ø 4.0mm 227-016-114

Non-sterile, 85mm working length

Ø 2.0mm 227-016-002

Ø 3.0mm 227-016-003

130mm working length

Ø 3.0mm 227-016-103

Ø 4.0mm 227-016-104



Lithotripter

Features:

- Energy transmission occur purely mechanically
- The smallest probe diameter is only 0.6mm, which ensures a larger lumen
- Auxiliary instruments can also be inserted
- Very simple handling, all parts are easy to disassemble for cleaning purposes
- Compatible to SPiTZ and other instruments for the therapy of ureteric, renal and bladder stones
- Non-conductive hand piece to ensure safety for patients as well as users against current conduct



Delivery contains:

- Main Unit
- Mains Cable
- Operating Manual



Lithotripter L100

253-750-100V



LithoProbe, 605mm working length

0.6mm	253-850-006
0.8mm	253-850-005
1.0mm	253-850-010
1.6mm	253-850-016
2.0mm, 450mm WL	253-850-020
2.5mm, 450mm WL	253-850-025



Footswitch

253-750-150



Hand piece, anodized

253-750-200



Air compressor, 4 bar maximum

(optional) 253-750-010





Medical Monitors



All monitors feature:

- 178° viewing angle
- Stand inclusive
- Variety of video outputs

iLumen LED Endovue Monitor
1920 x 1200 pixels (WUXGA)

24" 300-001-158

1920 x 1080 pixels (FullHD)

21" 300-001-148

1280 x 1024 pixels (SXGA)

19" 300-001-138

Trolleys



High-End Trolley

300-002-001

DIMENSIONS
 1600 x 500 x 625mm
 Rollers: Ø 125mm



Basic Trolley

300-001-999

