KARL STORZ – always at your side in an emergency

BONFILS and BRAMBRINCK Intubation Endoscopes
KARL STORZ – Synonymous with Innovation and Competence in Endoscopy for over 60 Years

The newest generation of BONFILS and BRAMBRINCK Intubation Endoscopes
The visual solution for unexpected difficult airways and emergency medicine

- Retromolar oral insertion technique
- ETT as of 2.5 mm – the right size for every tube
- Tube insertion possible within seconds
- Suitable for both preclinical and clinical settings in emergency medicine
- Available as DCI® version* for video intubation – i.e. for double lumen tube placement

The newest generation combines advanced technology with maximum reliability

- 35,000 pixel light bundle
- Optimal distal 40° angle
- Offers continuous O₂ flow via tube adaptor
- Movable eyepiece allows optimal adjustment to any situation
- Integration into DCI® VIDEO INTUBATION SYSTEM via DCI® connection

* Direct Coupled Interface
Methodology
- Thanks to the system’s simple design, 3 different intubation techniques predominate in clinical practice:
  1. conventional retromolar access
  2. lateral access with the aid of a laryngoscope
  3. direct access with head/neck flexion.
- The introduction of the endotracheal tube is controlled until placement – eliminating semi-blind or blind advancement
- Oxygen flow via tube adaptor and ETT possible throughout the entire procedure
- First-class quality and continuous implementation of demands offers astounding robustness in this field
- All cold light sources in the KARL STORZ range available for illumination
- New LED battery light source is recommended for greater flexibility

Hygienics
- Waterproof, fully immersible for cleaning, disinfection and sterilization up to 60°C
- Sterilizable with EtO and FO-Gas, STERIS® and STERRAD®
The New Generation, now with DCI® Connection for Integration into the DCI® VIDEO INTUBATION SYSTEM

In addition to the supraglottal device, the DCI® VIDEO INTUBATION SYSTEM has proved its worth as an integral component of a complete solution. It is particularly valuable for use with the mobile Airway Management Trolley and all solutions which utilize an Airway Management Algorithm. TELE PACK™, the core of the system, is connected to the small DCI® camera. The BERCI-KAPLAN DCI® video laryngoscope, the DCI® intubation fiberscopes and the new BONFILS and BRAMBRINCK DCI® intubation endoscopes all optimize the system, which is suitable for adults, children or infants.

AIDA-DVD is recommended for documentation and quality assurance.

Current Studies

• Halligan, Charters, "A clinical evaluation of the BONFILS Intubation Fibroscope", Anaesthesia 2003, 58 pages 1087-1091
• Bein, Yan, Tonner, Scholz, Steinfath, Dörges, "Tracheal intubation using the BONFILS intubation fibroscope after failed direct laryngoscopy", Anaesthesia 2004, 59 pages 1207-1209
• Maybauer, Maier, Thierbach, „Eine unerwartet schwierige intubation – Das starre Intubationsfiberskop nach BONFILS“, Anaesthesist, Jan 2005, 54 pages 35-40
POWER OF LIGHT
The New KARL STORZ LED Battery Light Source for all Endoscopes

**Special features:**
- Battery light source with extremely high light intensity of over 50,000 lux
- Available as battery and rechargeable version
- Absolute white light due to LED technology (5,500 K)
- Special light focus allows optimal light adjustment at the endoscope connector
- LED provides over 50,000 hours lifetime
- Burning time of 120/40 min

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11301 D1 **Battery Light Source for Endoscopes**, with fine thread, LED technology, >50,000 lux, 5,500 K, for all KARL STORZ endoscopes, burning time >120 mins, waterproof and fully immersible for cleaning and disinfection, with 2 photo-batteries 121306P

11301 D2 **Same**, but with click connector

11301 D3 **Same**, but with coarse thread

11301 DE **LED Battery Light Source**, rechargeable, with click connection, can be connected to all KARL STORZ endoscopes, brightness >50,000 lux, color temperature 5,500 K, lithium -ion batteries, charging time: 60 min, burning time at 100% brightness: 40 mins, weight: approx. 150 g, surface disinfection

11301 DF **Same**, but with coarse thread

11301 DG **Charging Unit** for 11301 DE/11301 DF, for two LED-Battery Light Sources with fix integrated power supply and adapter for EU, UK, USA and Australia, 110V-240V / 50-60Hz, suitable for surface disinfection

11301 DH **Holder** for charging unit 11301DG
LED Battery Light Source for Endoscopes – POWER OF LIGHT

11301 D1  Battery Light Source for Endoscopes, with fine thread, LED-technology, >50,000lux, for all KARL STORZ Endoscopes, burning time >120min, water proof, fully immersible for cleaning and disinfection, with 2 Photo-Batteries 121306P

11301 D2  Same, with click connector

11301 D3  Same, with coarse thread
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BRAMBRINCK Intubation Endoscope

11605 C  BRAMBRINK Intubation Endoscope, O.D. 2 mm, semiflexible magnification 40 x, working sheath length 22 cm, distal deflection 40°, including adaptor 10331 BA for tube fixation and O2 application

11605 CV  BRAMBRINK Intubation Endoscope with DCI connection, O.D. 2 mm, semiflexible magnification 40 x, working sheath length 22 cm, distal deflection 40° including adaptor 10331 BA for tube fixation and O2 application
BONFILS Intubation Endoscope

10332 B  BONFILS Retromolar Intubation Endoscope, 35,000 pixel, O.D. 3.5mm, for ETT 4.0 - 5.5mm, usable shaft length 35 cm, distal bending 40°, with movable eyepiece, including tube holder 10332BA for tube fixation and O2 application

10332 BD  BONFILS Retromolar Intubation Endoscope, with DCI-connection, 35,000 pixel, O.D. 3.5mm, for ETT 4.0 - 5.5mm, usable shaft length 35cm, distal bending 40°, with movable eyepiece, including tube holder 10332BA for tube fixation and O2 application
BONFILS Intubation Endoscope

10331 B  BONFILS Retromolar Emergency Intubation Fiberscope, O.D. 5 mm, working length: 40 cm, distal bending 40°, with movable eyepiece, including Tube-Adaptor 10331 BA

10331 BD  BONFILS Retromolar Intubation Endoscope, 35.000 pixel, with DCI connection, O.D. 5,0 mm, for ETT >5,5mm, usable shaft length 40 cm, distal bending 40°, with movable eyepiece, including tube holder 10331BA for tube fixation and O2 application
RUDOLPH Intubation Set

10331 CA  RUDOLPH Intubation Set, consisting of:
10331 B  BONFILS Retromolar Intubation Endoscope
11301 D4  Battery Light Source, LED
8546  Handle Sleeve, ISO 7376, only
8546 A  Battery Shell including 2 Batteries (2 x 121306) and Xenon Lamp 8546 XA
8542 A  McINTOSH Laryngoscope Blade, TAKE-APART®, size 4, Cold Light
8542 B  McINTOSH Laryngoscope Blade, TAKE-APART®, size 3, Cold Light
8542 C  McINTOSH Laryngoscope Blade, TAKE-APART®, size 2, Cold Light
27677 BC  Case
8546 XC  Xenon Lamp Batteries, Baby Cells, LR 14 (2 x 121306)
10331 BA  Tube-Adaptor

10330 CA  Same, with 10330 B