Brite Blade Laryngoscopes
Cold Light Laryngoscope Blades
Benefits of KARL STORZ Laryngoscopes at a glance

High Quality Standard
➤ using the highest quality materials, coupled with skilled craftsmanship to guarantee durability that pays off in the long term.

Power of Light
➤ providing you with all the brightness your daily routine needs.

Gold Standard for Intubation
➤ from MACINTOSH with its closed English design through to MILLER or the DOERGES universal emergency blade, we have all current shapes and sizes.

Autoclavable Blades
➤ Blades incorporate an integrated light bundle with no removable parts and smooth lines, enabling easy cleaning, and decreasing cross-contamination between patients.

You shouldn’t have to settle for anything less...
Handles with LED Light Source
For Cold Light Laryngoscope Blades

Special features:

- Extremely bright LED of more than 56 Lumen / >100,000 Lux
- Stubby handle with photo battery
- Special lens system allows optimal light adjustment at the blade connector
- LED provides a lifetime of more than 50,000 hours
- No exchange of bulbs necessary due to integrated LED
- Charging via inductive technology
- Operating time up to 240 minutes at 100% brightness per charge
- Rechargeable lithium-ion batteries, 1,000 charging cycles
- Also available in non-rechargeable version
- “Green Standard” enables compatibility with any green standard blades and handles
Power of Light
Laryngoscope Handles with LED Technology

Special features:

KARL STORZ Brite Blades provide optimum illumination due to LED technology and increased number of fibers.

- Excellent contrast and white light make structures clearly visible
- Absolute white light due to LED technology (5500K, 100,000 Lux)
- Ample reserves of light, even in direct sunlight
- ISO Standard 7376
- Highly durable, withstanding 4,000+ autoclave cycles
- Safe handling and easy maintenance
- Wide variety in most globally acceptable shapes and sizes

Solutions Tailored to Meet Your Needs
**Inductive Charging Unit**

*For Rechargeable Laryngoscope Handles*

---

**Special features:**

- No open contacts due to inductive technology
- No corrosion and contact problems
- No voltage peaks extends the lifespan of the rechargeable batteries
- Batteries can be charged with or without handle sleeve, sterile packaging
- For use with LED handles and Xenon handles
- Compatible with previous rechargeable battery models

---

**Inductive Charging Unit**

- **8546 LE**
  - *Inductive Charging Unit*, for two battery inserts (8546 LD1, 8547 B), with fully integrated mains adaptor and power adaptor for EU, UK, USA and Australia, power supply 110-240 VAC, 50/60 Hz, suitable for wipe disinfection

- **8546 R**
  - *Reduction Sleeve*, for Battery Inserts 8547 B, only

- **11301 DH**
  - *Holder*, for Charging Units 11301 DG, 8546 LE and 8401 XDL
Handles with LED Light Source
For Cold Light Laryngoscope Blades

Standard handle

8546  Handle Sleeve, ISO 7376, autoclavable, length 12 cm, for use with Battery Inserts, 8546 LD1, 8549 LDX and cold light laryngoscopes

8546 LD1  Battery Insert, rechargeable, length 12 cm, for Handle Sleeve 8546, with high-power LED, > 56 lm/> 100 klx, lithium-ion battery insert, burning time at 100% brightness 240 min, charging via Inductive Charging Unit 8546 LE

8549 LDX  Battery Insert Set LED, length 12 cm, for Handle Sleeve 8546 and cold light laryngoscopes, with high-power LED, > 56 lm/>100 klx, burning time at 100% brightness > 120 min

including:
Battery Insert, high-power LED
2x Battery, AA Alkaline Battery, LR 06, 1.5 V Cap

Stubby handle

8548  Handle Sleeve, ISO 7376, length 6 cm, autoclavable, for use with Battery Insert Set 8548 LDX1

8548 LDX1  Battery Insert Set, length 6 cm, for Handle Sleeve 8548, with high-power LED, > 56 lm/> 100 klx, burning time at 100% brightness > 120 min

including:
Battery Insert, high-power LED
Photo Battery Cap
Handles with Xenon Light Source

Special features:

- 15,000 LUX intensity – brighter than most other conventional xenon / halogen handles which offer 3,000 to 5,000 LUX
- Disposable bulbs last 20 hours
- Available in rechargeable and non-rechargeable pediatric sizes

| 8547 | Handle Sleeve, ISO 7376, length 12 cm, autoclavable, for use with Battery Inserts 8547 A and 8547 B |
| 8547 A | Battery Insert, length 12 cm, including 2 batteries 121306 KS and XENON Lamp 8546 XA |
| 8546 XC | XENON Lamp, 2.5 V, for Battery Inserts, 8547 A and 8547 B, package of 6 |
| 8547 B | Rechargeable Battery Insert, length 12 cm, for Handle Sleeve 8547, with XENON Lamp 8546 XA, charging via Inductive Charging Unit 8546 LE |

ISO Standard (Applies to blades and handles):

- KARL STORZ laryngoscopes comply with ISO Standard 7376
- Ensures compatibility of any handles and blades with this standard!

Handle is marked with a green ring

Blade marked with a green dot

All handles with black cap have rechargeable batteries
All handles with green cap have batteries
MACINTOSH Laryngoscope Blades
Fiberoptic Light Carrier Incorporated

8546
8546 LD1
8549 LDX

8541 AA - E

8541 AA  MACINTOSH Laryngoscope Blade, cold light, fiberoptic light carrier incorporated, size 5
8541 A   MACINTOSH Laryngoscope Blade, cold light, fiberoptic light carrier incorporated, size 4
8541 B   MACINTOSH Laryngoscope Blade, cold light, fiberoptic light carrier incorporated, size 3
8541 C   MACINTOSH Laryngoscope Blade, cold light, fiberoptic light carrier incorporated, size 2
8541 D   MACINTOSH Laryngoscope Blade, cold light, fiberoptic light carrier incorporated, size 1
8541 E   MACINTOSH Laryngoscope Blade, cold light, fiberoptic light carrier incorporated, size 0
MACINTOSH Laryngoscope Blades

Illustrations may not be to scale
MACINTOSH Reclination Blades
Fiberoptic Light Carrier Incorporated

8543 A  MACINTOSH Reclination Blade, cold light, fiberoptic light transmission incorporated, size 4
8543 B  MACINTOSH Reclination Blade, cold light, fiberoptic light transmission incorporated, size 3
8543 C  MACINTOSH Reclination Blade, cold light, fiberoptic light transmission incorporated, size 2
8543 D  MACINTOSH Reclination Blade, cold light, fiberoptic light transmission incorporated, size 1
MACINTOSH Reclination Blades

Illustrations may not be to scale
MACINTOSH Laryngoscope Blades
TAKE-APART® with Replaceable Fiberoptic Light Carrier

8542 A MACINTOSH Laryngoscope Blade, cold light, TAKE-APART® with replaceable fiberoptic light carrier, size 4
8542 B MACINTOSH Laryngoscope Blade, cold light, TAKE-APART® with replaceable fiberoptic light carrier, size 3
8542 C MACINTOSH Laryngoscope Blade, cold light, TAKE-APART® with replaceable fiberoptic light carrier, size 2
8542 D MACINTOSH Laryngoscope Blade, cold light, TAKE-APART® with replaceable fiberoptic light carrier, size 1
8542 AS Spare Fiberoptic Light Carrier, for 8542 A
8542 BS Spare Fiberoptic Light Carrier, for 8542 B
8542 CS Spare Fiberoptic Light Carrier, for 8542 C
8542 DS Spare Fiberoptic Light Carrier, for 8542 D
MACINTOSH Laryngoscope Blades

size 4
8542 A

size 3
8542 B

size 2
8542 C

size 1
8542 D

Illustrations may not be to scale

autoclavable
MILLER Laryngoscope Blades
Fiberoptic Light Carrier Incorporated

8537 A  MILLER Laryngoscope Blade, cold light, fiberoptic light carrier incorporated, size 4
8537 B  MILLER Laryngoscope Blade, cold light, fiberoptic light carrier incorporated, size 3
8537 C  MILLER Laryngoscope Blade, cold light, fiberoptic light carrier incorporated, size 2
8537 D  MILLER Laryngoscope Blade, cold light, fiberoptic light carrier incorporated, size 1
8537 E  MILLER Laryngoscope Blade, cold light, fiberoptic light carrier incorporated, size 0
MILLER Laryngoscope Blades

size 4
8537 A

size 3
8537 B

size 2
8537 C

size 1
8537 D

size 0
8537 E

autoclavable

Illustrations may not be to scale
DÖRGES Emergency Laryngoscope Blade

Special features:

- The special design of the blade makes it suitable for intubating small children, adolescents and adults.
- The thin front section makes this blade very suitable for ENT, e.g., constricted anatomical conditions due to hypertrophic tonsils.
- The overall low height of this blade permits easy intubation even when patients cannot open their mouth wide, e.g. in case of lockjaw or poor relaxation.
- Forward placement of the light outlet provides good illumination.
- Less space is required at the worksite with just one blade size (helpful for rescue services).
- Uniform blade sizes enable easier and standardized training, e.g. for emergency medical personnel.

Illustrations may not be to scale
PHILIPS Laryngoscope Blades
Fiberoptic Light Carrier Incorporated

8535 C
8535 CA

8535 C/CA

8546
8546 LD1
8549 LDX

size 2
8535 C
size 1
8535 CA

Illustrations may not be to scale
Laryngoscope Blades for Pediatrics
Fiberoptic Light Carrier Incorporated

Illustrations may not be to scale
Laryngobloc®
Fiberoptic LED Laryngoscope for single use

Special Features:
- Blade and handle are made from one piece and therefore more robust than conventional single use blades
- Handle protects LED Insert completely
- Outstanding light quality due to LED technology
- Reusable LED battery insert
- No contamination risk at all
- Available in six different sizes
- Polypropylene Bloc: no deformation, no sensitivity to cold temperatures, excellent rigidity
- Torsion- and break-proof due to "one-piece-design"
- Blades are clean packed acc. ISO class 8 (DIN EN ISO 14644-1)

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Standard Handle</th>
<th>Short Handle</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>MACINTOSH</td>
<td>8512 A</td>
<td>8512 AS</td>
</tr>
<tr>
<td>3</td>
<td>MACINTOSH</td>
<td>8512 B</td>
<td>8512 BS</td>
</tr>
<tr>
<td>2</td>
<td>MACINTOSH</td>
<td>8512 C</td>
<td>8512 CS</td>
</tr>
<tr>
<td>1</td>
<td>MILLER</td>
<td>8530 D</td>
<td>8530 DS</td>
</tr>
<tr>
<td>0</td>
<td>MILLER</td>
<td>8530 E</td>
<td>8530 ES</td>
</tr>
<tr>
<td>0</td>
<td>OXFORD</td>
<td>8533 F</td>
<td>8533 FS</td>
</tr>
<tr>
<td>8547 HL</td>
<td>LED Battery Insert (2 Batteries)</td>
<td>8547 HL</td>
<td></td>
</tr>
<tr>
<td>8547 HS</td>
<td>LED Battery Insert (1 Battery)</td>
<td>8547 HS</td>
<td></td>
</tr>
</tbody>
</table>

* Slim Design: thinner blade, especially for Difficult Intubation (obesity, pregnancy, reduced mouth opening)

8400 A  Bag for Intubation Set, splash-protected