

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

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



8546 LD1



8549 LDX

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



8548 LDX1

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



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



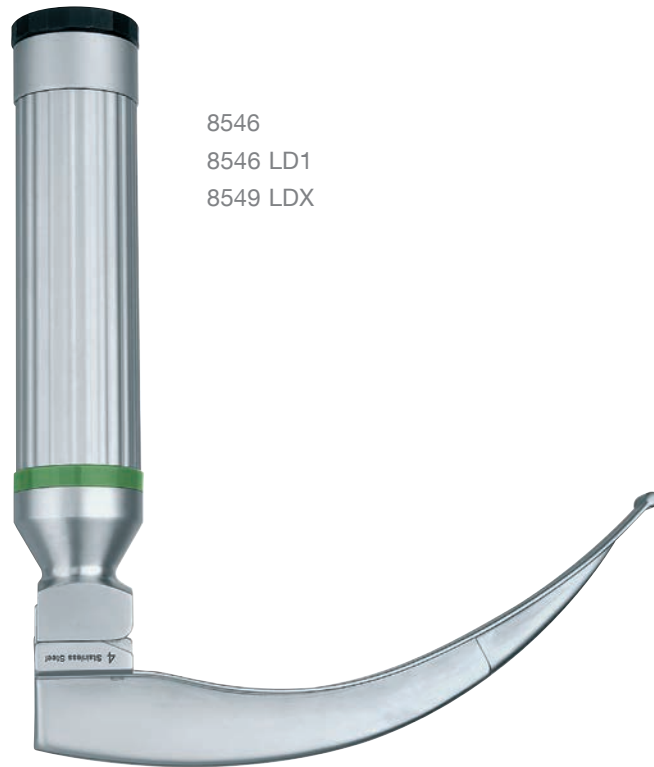
Blade marked with a green dot



All handles with black cap have rechargeable batteries
All handles with green cap have batteries

MACINTOSH Laryngoscope Blades

Fiberoptic Light Carrier Incorporated



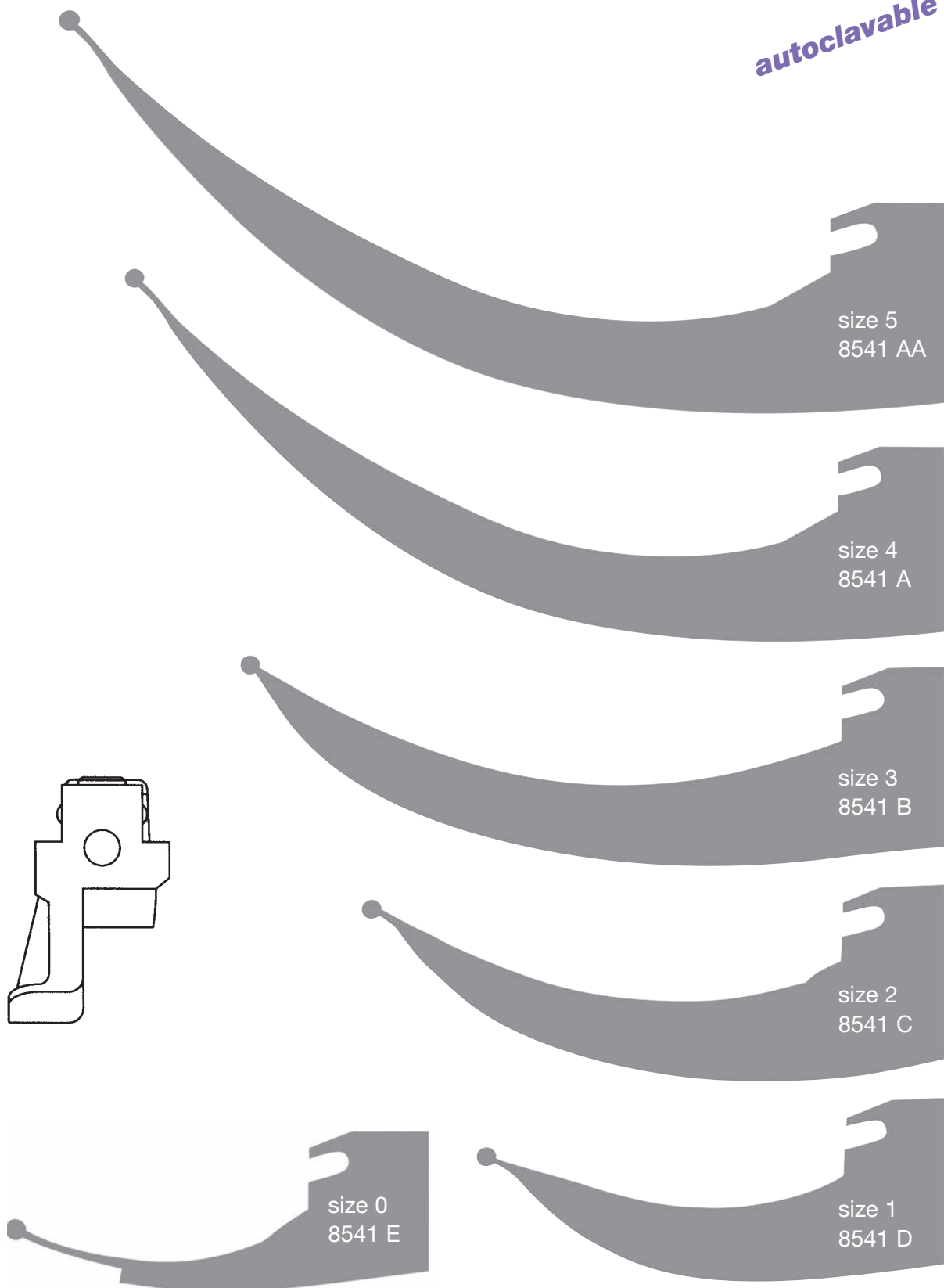
8546
8546 LD1
8549 LDX

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

autoclavable



Illustrations may not be to scale

MACINTOSH Reclination Blades

Fiberoptic Light Carrier Incorporated



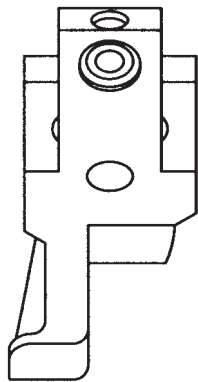
8546
8546 LD1
8549 LDX

8543 A - D

- | | |
|--------|---|
| 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

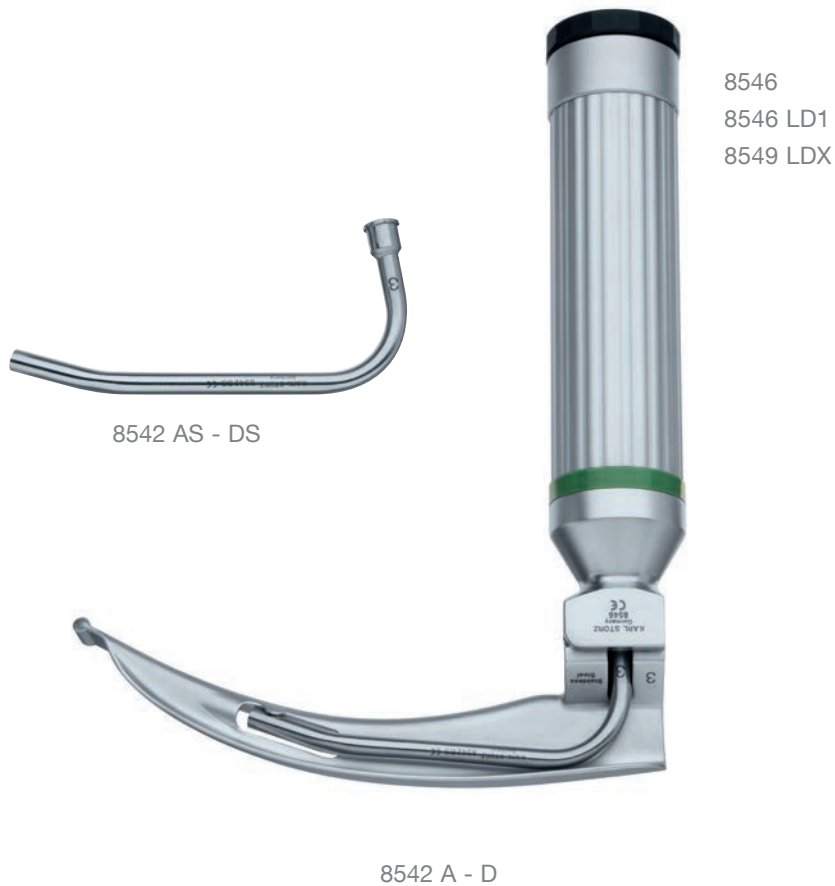
autoclavable



Illustrations may not be to scale

MACINTOSH Laryngoscope Blades

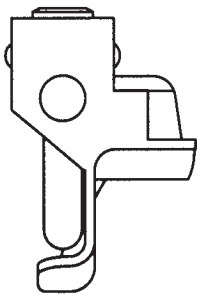
TAKE-APART® with Replaceable Fiberoptic Light Carrier



- | | |
|---------|---|
| 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

autoclavable



Illustrations may not be to scale

MILLER Laryngoscope Blades

Fiberoptic Light Carrier Incorporated



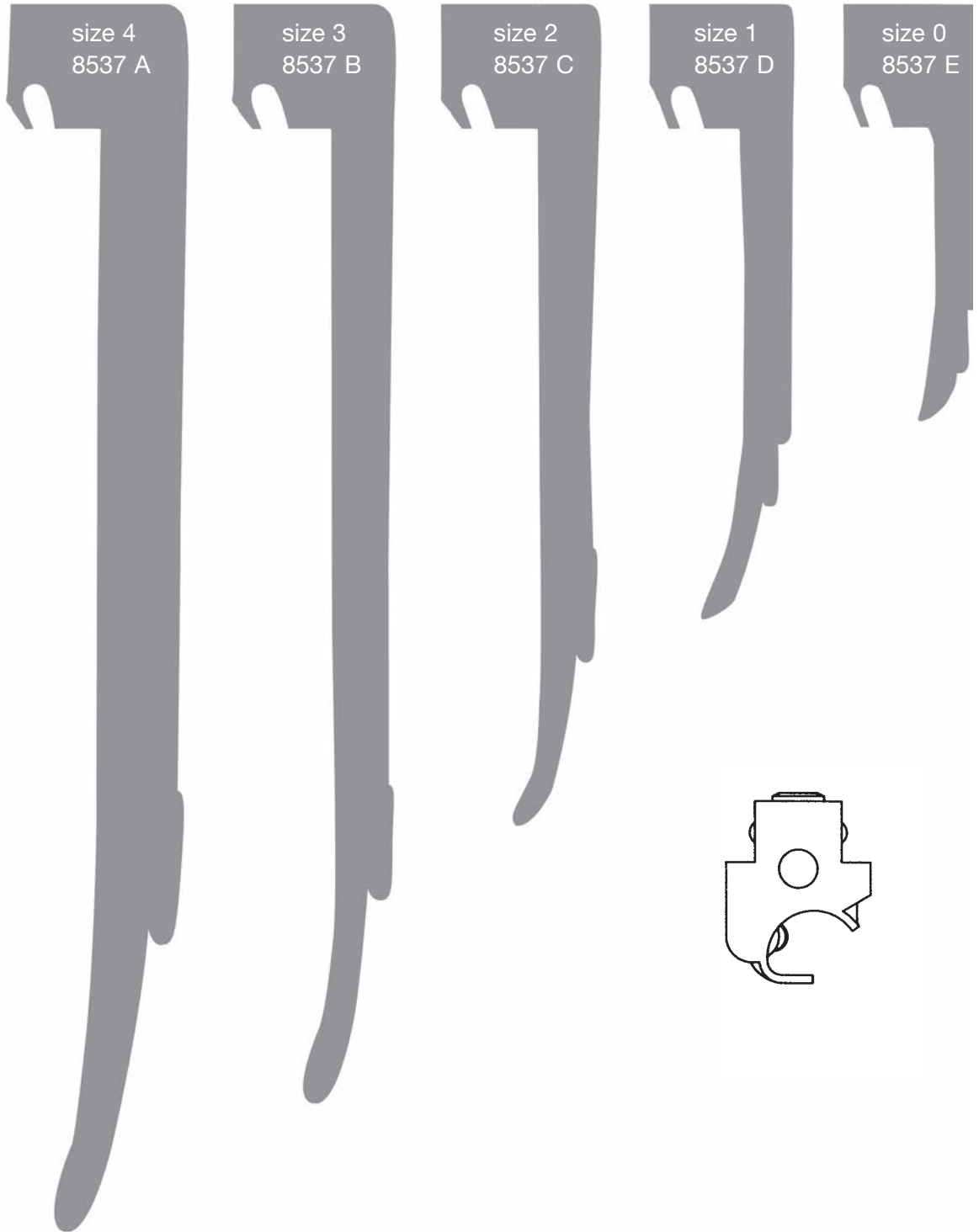
8546
8546 LD1
8549 LDX

8537 A-E

- 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

autoclavable

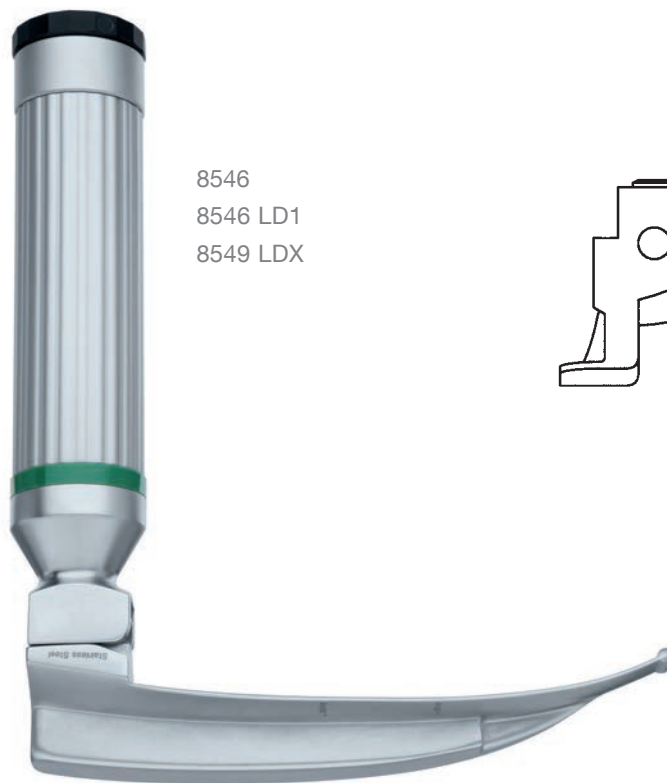


Illustrations may not be to scale

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.



8535 B

8535 B

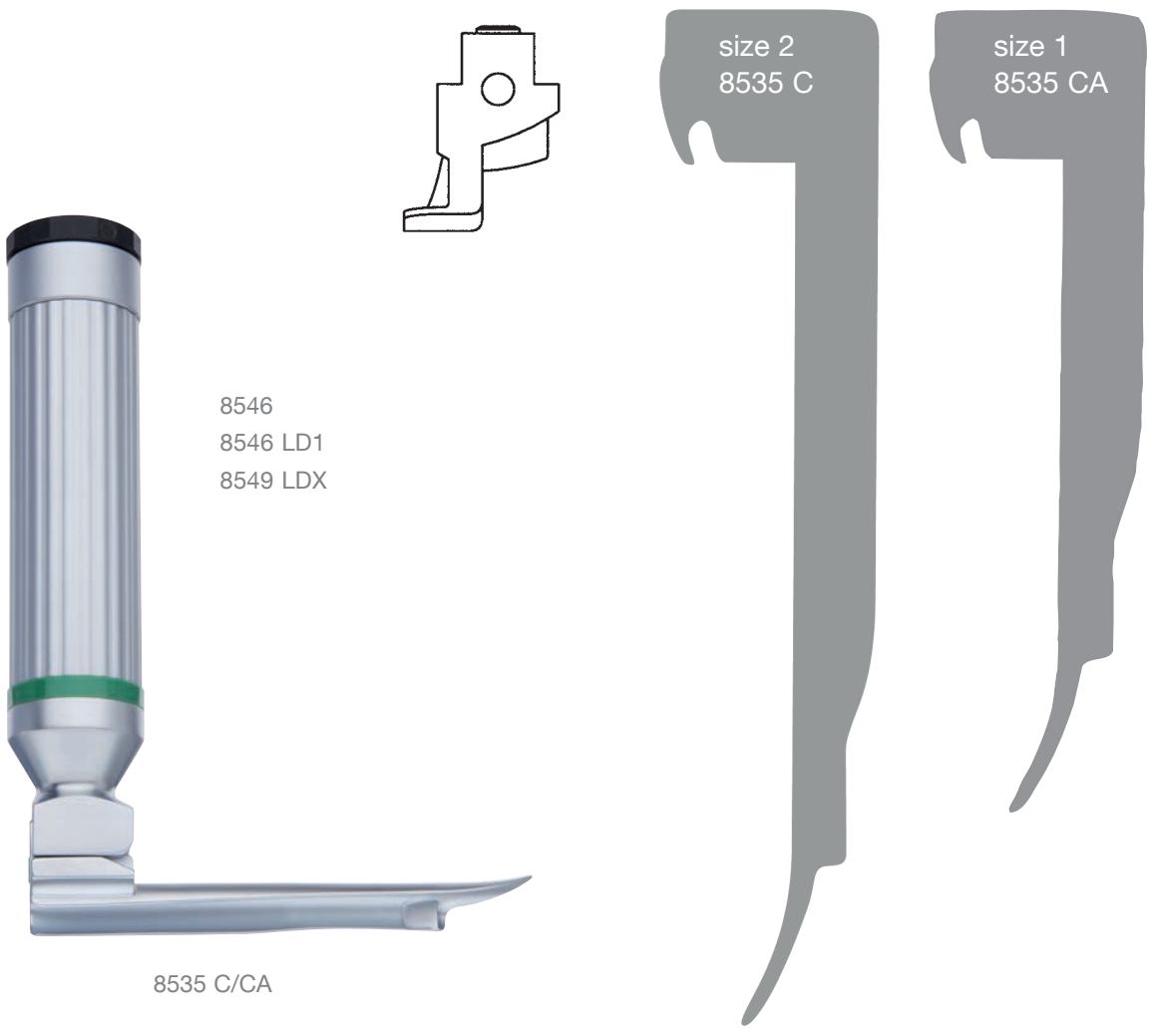
DÖRGES **Emergency Laryngoscope Blade**,
cold light, universal size

Illustrations may not be to scale

PHILIPS Laryngoscope Blades

Fiberoptic Light Carrier Incorporated

autoclavable



8535 C/CA

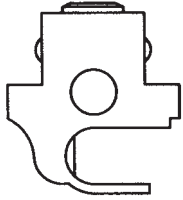
8535 C PHILIPS **Laryngoscope Blade**, cold light, fiberoptic light carrier incorporated, size 2

8535 CA PHILIPS **Laryngoscope Blade**, cold light, fiberoptic light carrier incorporated, size 1

Laryngoscope Blades for Pediatrics

Fiberoptic Light Carrier Incorporated

autoclavable



large
8537 F



medium
8537 G



small
8537 H



8546
8546 LD1
8549 LDX

8537 F - H

8537 F

Laryngoscope Blade for Pediatrics,
cold light, large, fiberoptic light carrier
incorporated

8537 G

Laryngoscope Blade for Pediatrics,
cold light, medium, fiberoptic light carrier
incorporated

8537 H

Laryngoscope Blade for Pediatrics,
cold light, small, 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)

Size	Description	Standard Handle	Short Handle
<i>Slim Design</i> * 4	MACINTOSH	8512 A	8512 AS
<i>Slim Design</i> * 3	MACINTOSH	8512 B	8512 BS
2	MACINTOSH	8512 C	8512 CS
1	MILLER	8530 D	8530 DS
0	MILLER	8530 E	8530 ES
0	OXFORD	8533 F	8533 FS
long	LED Battery Insert (2 Batteries)	8547 HL	
short	LED Battery Insert (1 Battery)		8547 HS

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



8400 A

Bag for Intubation Set, splash-protected

Notes





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ENDO WORLD®

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THE DIAMOND STANDARD