



LARYNGOSCOPES & DIAGNOSTICS

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INTRODUCTION

Founded in 1987 by visionary entrepreneurs, JJ International Surgical has established itself as a reputable manufacturer of high-quality surgical instruments in Sialkot, Pakistan. With over two decades of experience, we have honed our craft, combining traditional techniques with modern technology to produce exceptional instruments.

Our state-of-the-art facility, housed in an impressive and environmentally friendly building, is equipped with the latest machinery and staffed by skilled artisans. We take pride in our commitment to excellence, ensuring that every instrument meets the highest standards of quality, safety, and environmental responsibility.

At JJ International Surgical, we prioritize not only the quality of our products but also the well-being of our employees and the environment. We maintain excellent working conditions, adhere to rigorous quality control measures, and guarantee that our products comply with the highest environmental and social standards.

The Company's manufacturing processes are duly registered against the quality assurance standards like ISO-9001, 13485, CE Mark, CG-MP-USA (FDA) and MOH (Ministry of Health Certificate from Japan). This demonstrates our traceability and competitive strength

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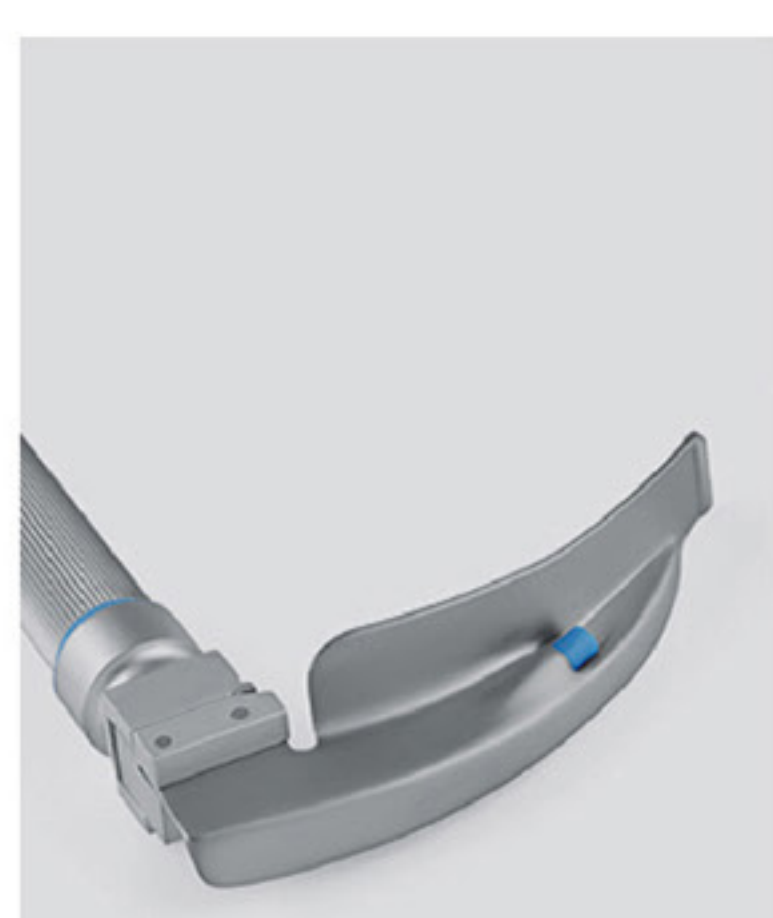
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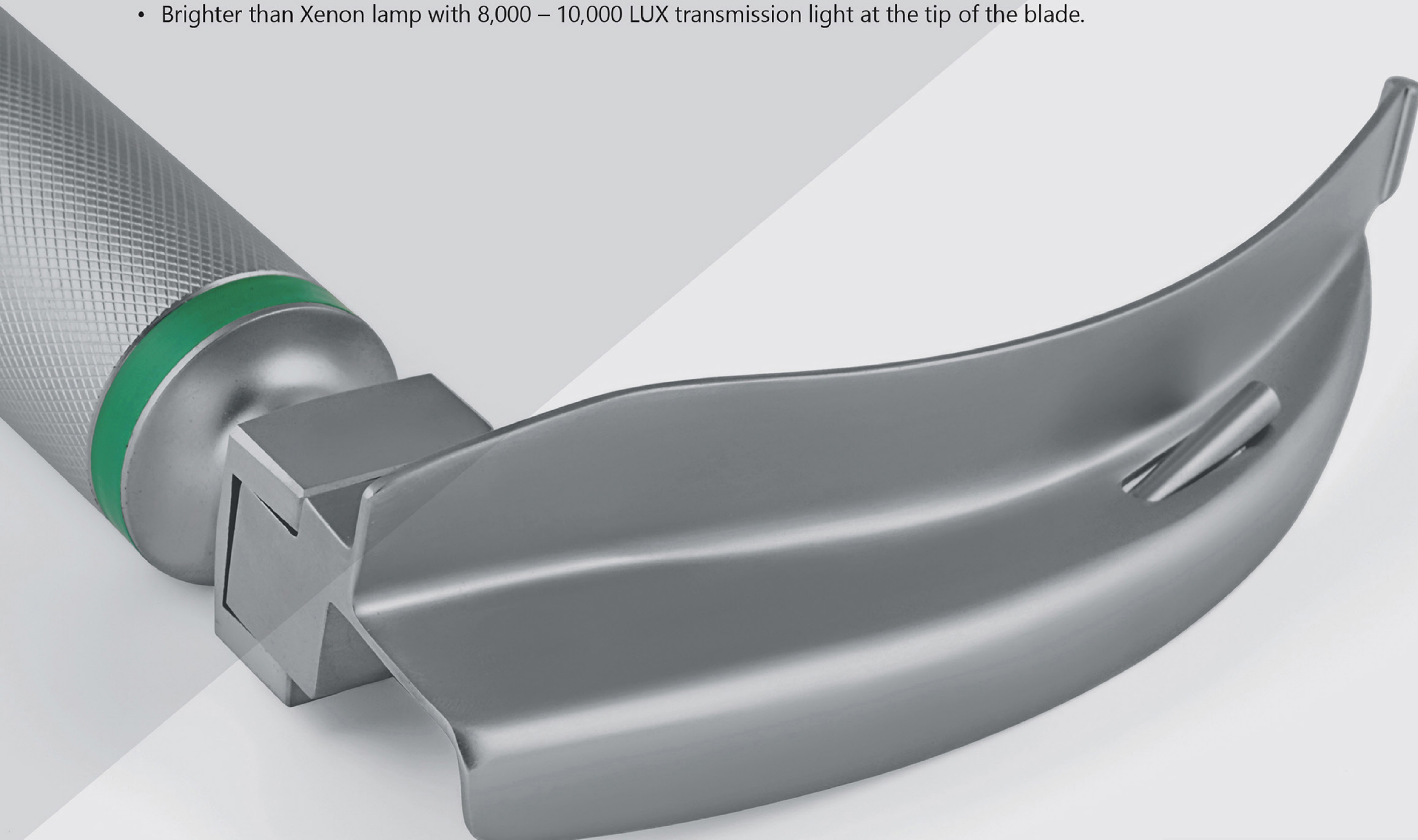
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FIBER OPTIC GREEN SYSTEM REUSABLE - STAINLESS STEEL LARYNGOSCOPE BLADES

- All blades in green system crafted from finest non-magnet stainless steel minimize the risk of contamination.
- Cool and brighter light with no chance of tissue burning during long intubation procedures.
- Superior quality of glass fiber optic gives maximum bright illumination to view the larynx of the human body.
- Removable light guides can autoclave separately, which makes long life of blade.
- Autoclavable at 134c° 5 min, for 2000-3000 cycles at maximum light output.
- All blades and handles are made to comply with ISO 7376, allowing compatibility with existing blades and handles.
- Complete range of handles also equipped with LED lamps.
- LED technology has longer additional life time with 50,000hrs and continuous 2hrs operating time.
- Brighter than Xenon lamp with 8,000 – 10,000 LUX transmission light at the tip of the blade.



FIBER OPTIC GREEN SYSTEM REUSABLE BLADES

MACINTOSH BLADES ENGLISH PROFILE

The Macintosh laryngoscope has a curved blade which allows exposure of the larynx by positioning the tip in the vallecula, anterior to the epiglottis, lifting it out of view. Macintosh originally designed the laryngoscope to facilitate intubation in un-paralyzed patients.

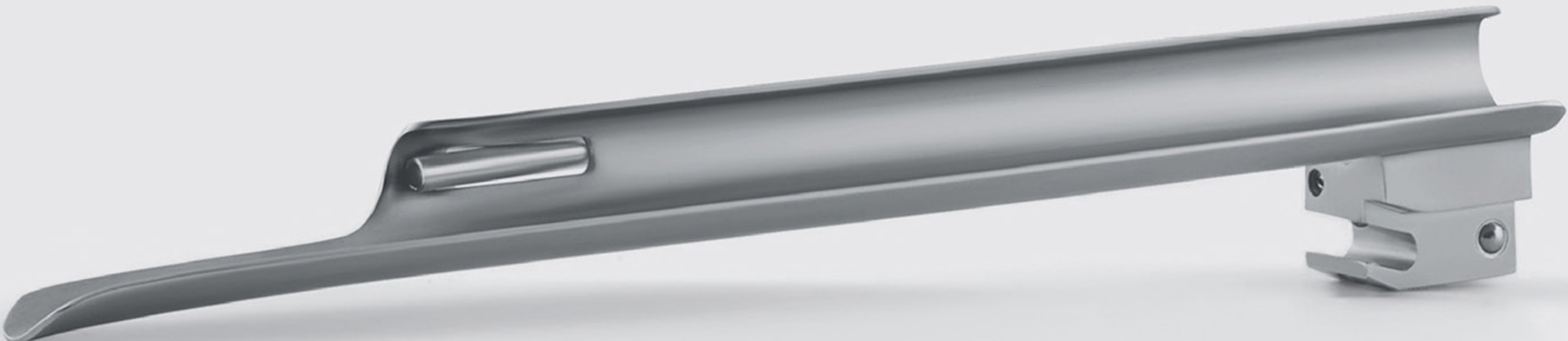
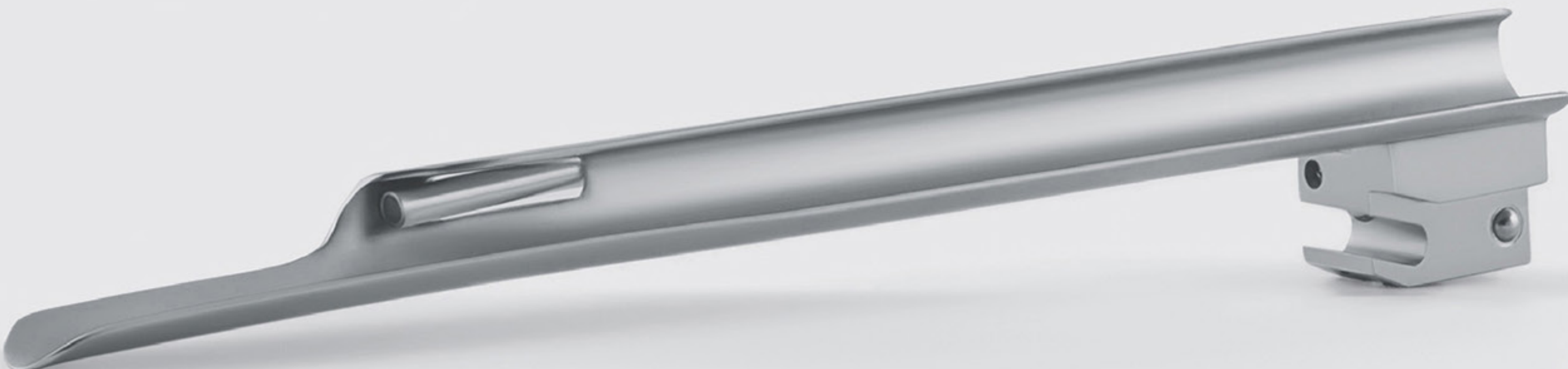
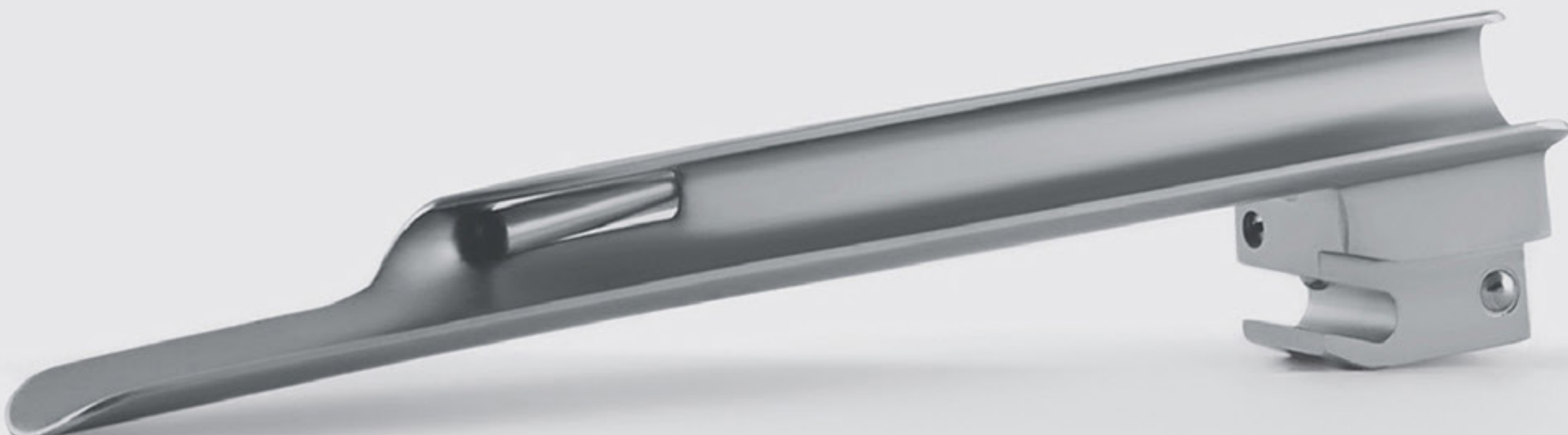
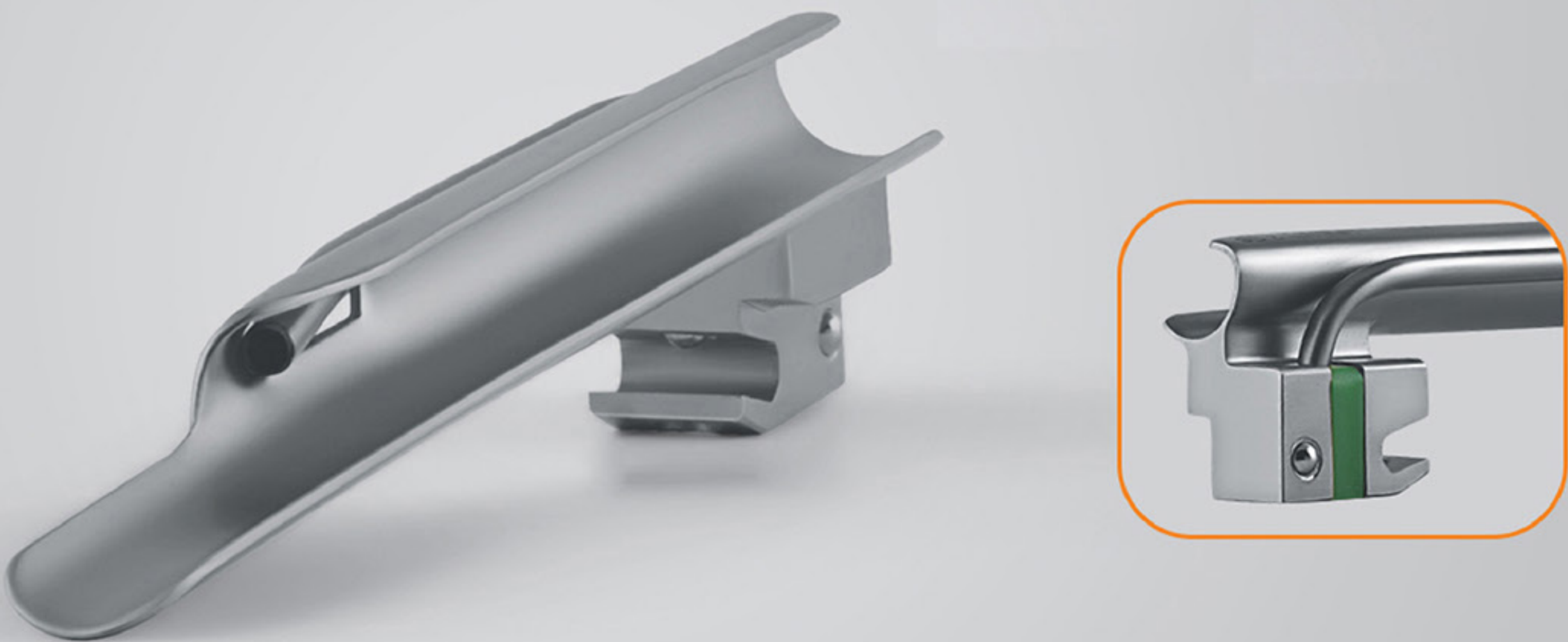


Cat. No.	Description	Blade	Size
1401-000	Small Premature	000	58 mm
1401-00	Premature	00	68 mm
1401-0	Neonate	0	80 mm
1401-1	Infant	1	95 mm
1401-2	Child	2	105 mm
1401-3	Adult	3	135 mm
1401-4	Large Adult	4	155 mm
1401-5	X-Large Adult	5	175 mm

FIBER OPTIC GREEN SYSTEM REUSABLE BLADES

MILLER BLADES ENGLISH PROFILE

The Miller laryngoscope is a straight blade designed to obtain a view of the vocal cords by directly lifting the epiglottis. It has useful application in 'floppy' airways making it popular within pediatric anesthesia. The Miller laryngoscope is the most commonly used blade today.



Cat. No.	Description	Blade	Size
1402-000	Small Premature	000	55 mm
1402-00	Premature	00	65 mm
1402-0	Neonate	0	78 mm
1402-1	Infant	1	102 mm
1402-2	Child	2	155 mm
1402-3	Adult	3	195 mm
1402-4	Large Adult	4	205 mm

FIBER OPTIC GREEN SYSTEM REUSABLE BLADES

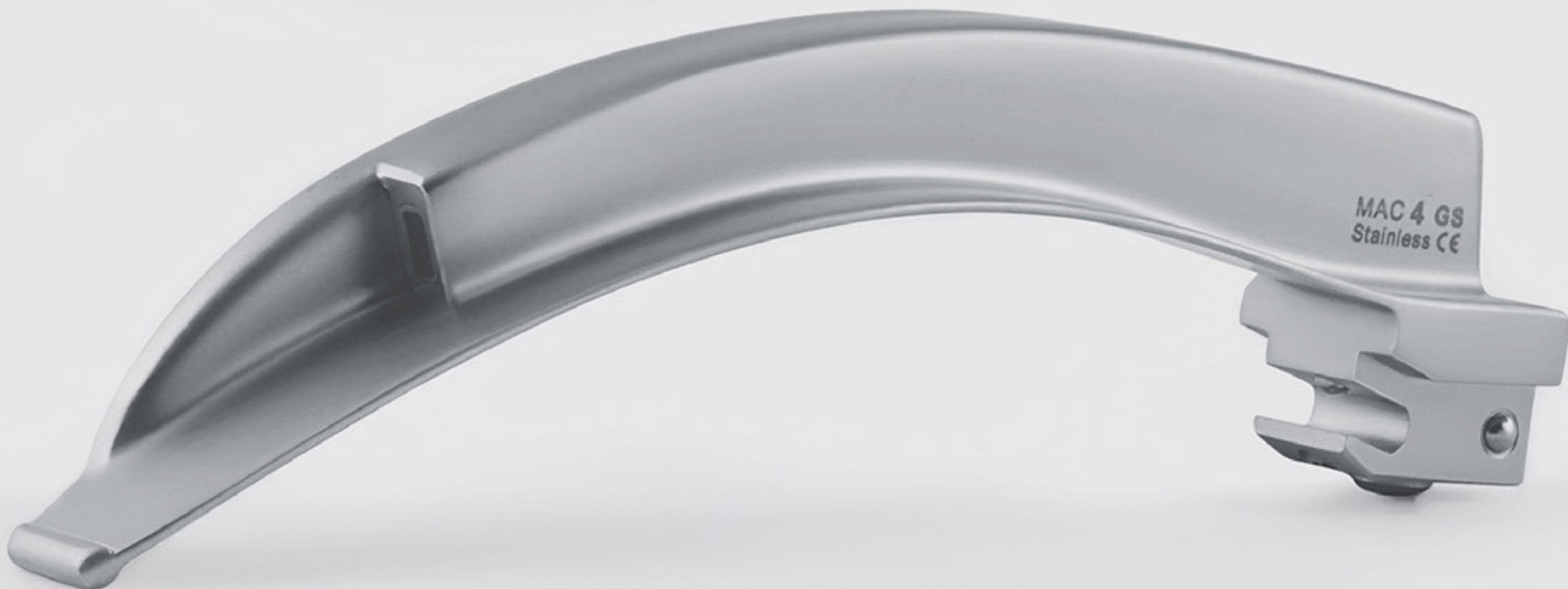
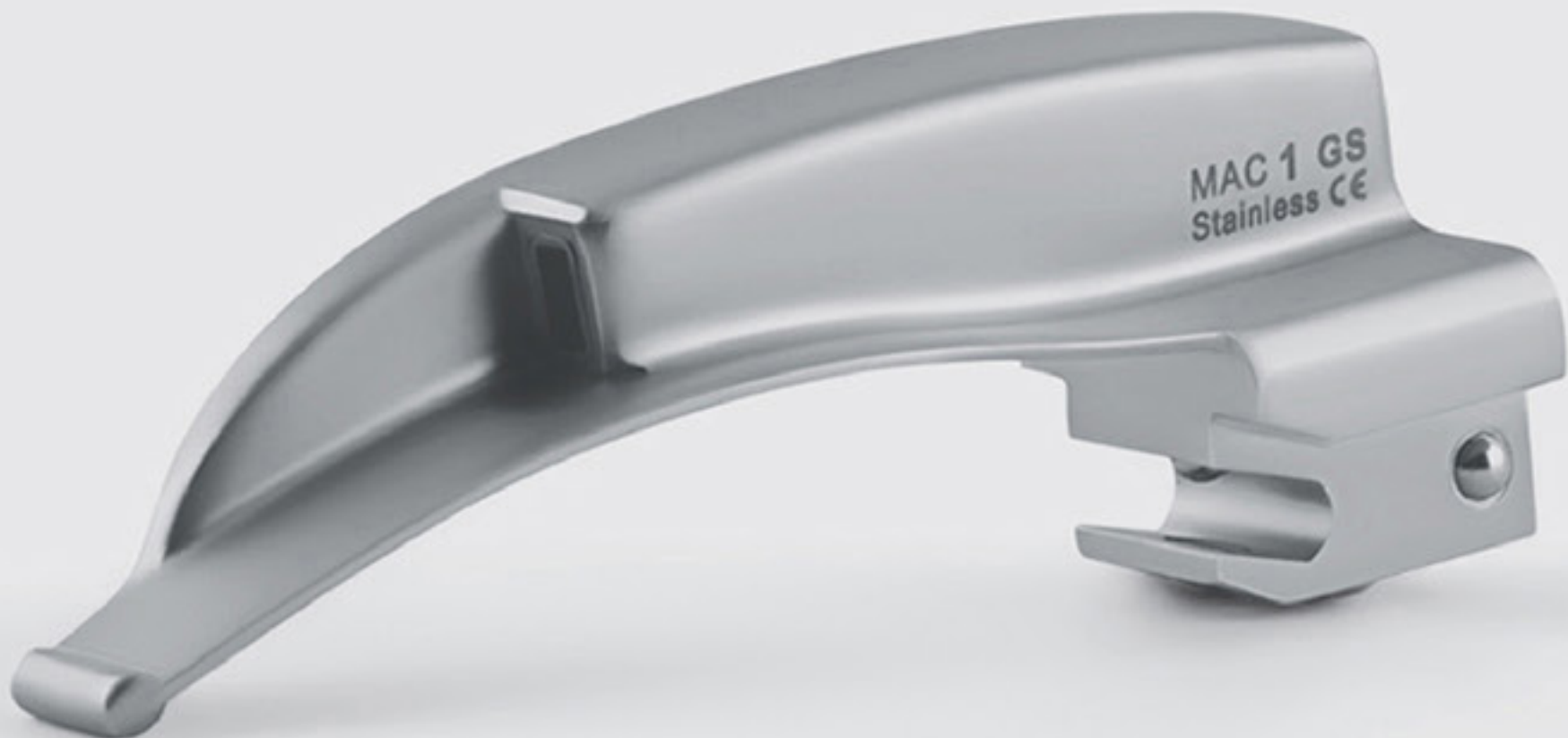
MEGA MACINTOSH BLADES GERMAN PROFILE

The Macintosh blade became popular due to its ease of use for most adults. It has a curved design and increases the ease of intubation compared to straight blades.



Extra Features:

- Specially designed and constructed with high quality stainless steel AISI 304.
- Large fiber optic bundle offers optimum light transmission.
- Exceptionally high light intensity with LED illumination (8000-10000 LUX).
- With this integrated FO light conductor, there are no extra cavities or light paths to become contaminated.
- Smooth and low profile blade design which gives no chance of damaging teeth and upper part of mouth.
- Integrated light guide blade design for quick cleaning and sterilization without extra effort for connecting screws.
- Autoclaving at 134 °C /5 min. maximum light output with 2000-3000 cycles.

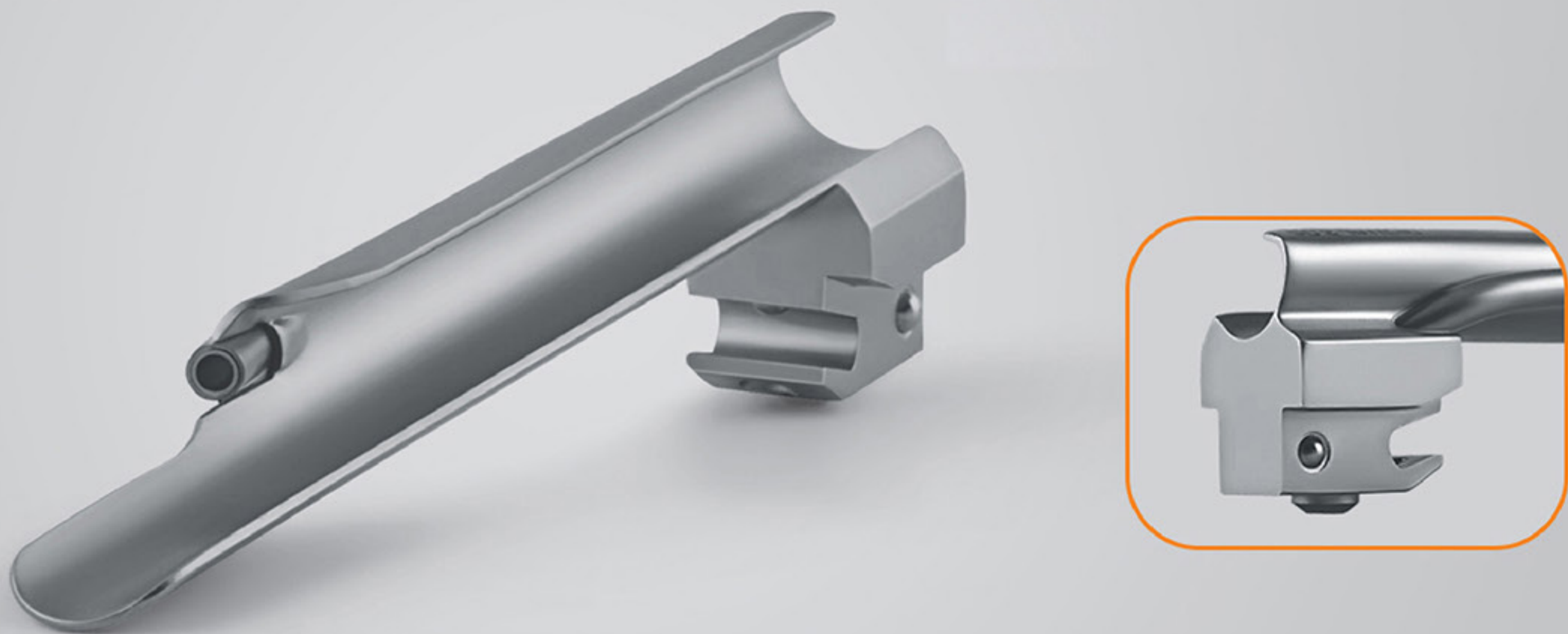


Cat. No.	Description	Blade	Size
1403-00	Premature	00	68 mm
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FIBER OPTIC GREEN SYSTEM REUSABLE BLADES

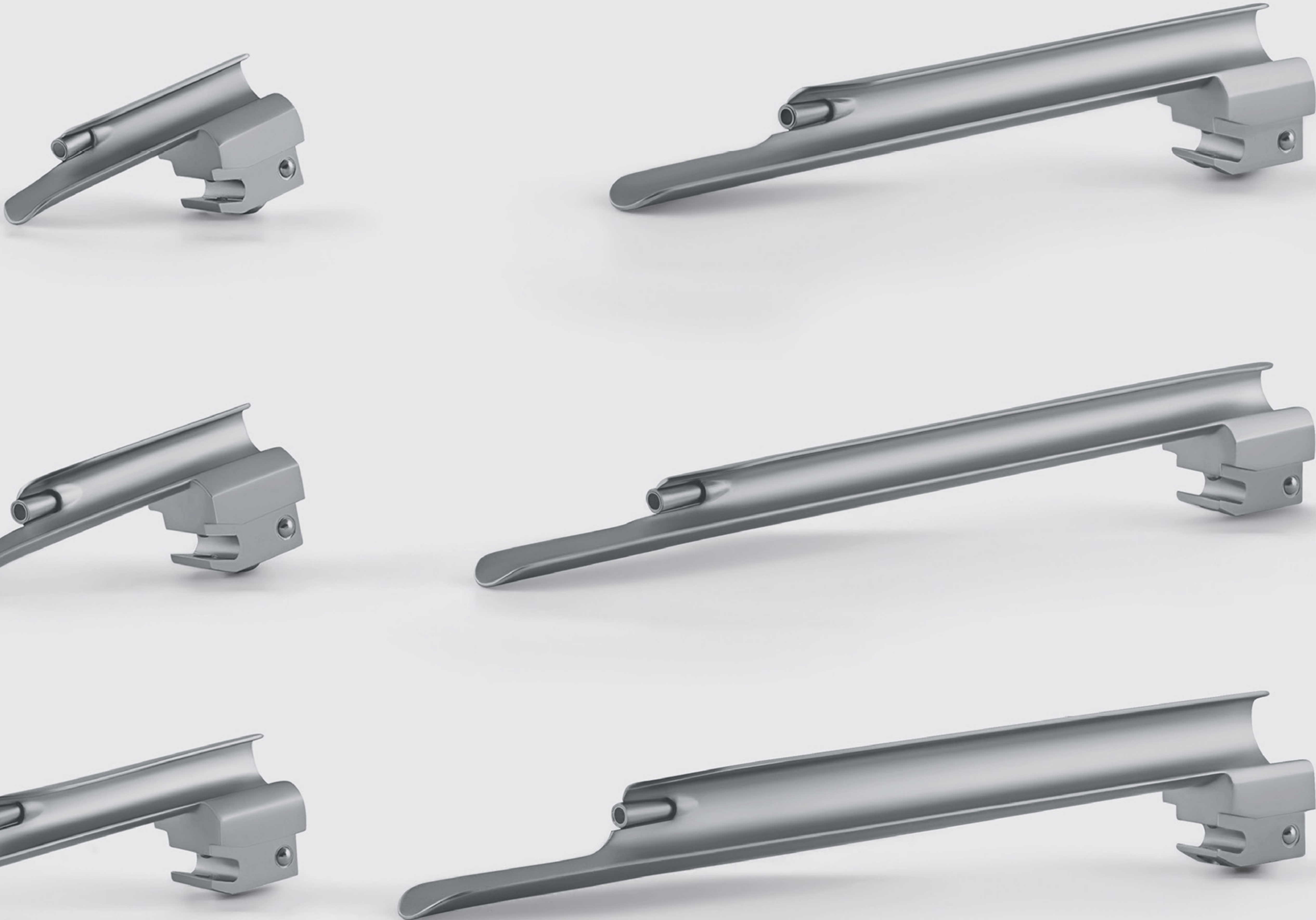
MEGA MILLER BLADES GERMAN PROFILE

The Miller blades are used to provide a better view and directly lift the epiglottis. It has a flat upper flange to minimize the patients' teeth damage. The smaller size of the Miller blade is more popular in Paediatric.



Extra Features:

- Specially designed and constructed with high quality stainless steel AISI 304.
- Large fiber optic bundle offers optimum light transmission.
- Exceptionally high light intensity with LED illumination (8000-10000 LUX).
- With this integrated FO light conductor, there are no extra cavities or light paths to become contaminated.
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Cat. No.	Description	Blade	Size
1404-00	Premature	00	65 mm
1404-0	Neonate	0	78 mm
1404-1	Infant	1	102 mm
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1404-3	Adult	3	196 mm
1404-4	Large Adult	4	205 mm

FIBER OPTIC GREEN SYSTEM REUSABLE BLADES

MACINTOSH BLADES AMERICAN PROFILE

American Profile MacIntosh Blade includes spatula with smooth and gentle curve extending from lock of tip. Construction resembles reverse Z flange, facilitating greater access during intubation.



Cat. No.	Description	Blade	Size
1405-00	Premature	00	68 mm
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1405-1	Infant	1	90 mm
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1405-3	Adult	3	130 mm
1405-4	Large Adult	4	155 mm

MILLER BLADES AMERICAN PROFILE

Miller blades are the most popular of the straight blade types. The reduce flange helps to minimize trauma and the curve at the beak (distal end) improves lifting of the epiglottis. These features facilitate greater exposure of the larynx in difficult patients.



Cat. No.	Description	Blade	Size
1406-00	Premature	00	65 mm
1406-0	Neonate	0	78 mm
1406-1	Infant	1	102 mm
1406-2	Child	2	155 mm
1406-3	Adult	3	196 mm
1406-4	Large Adult	4	205 mm

WIS-HIPPLE BLADES AMERICAN PROFILE

A modification of the Wisconsin blade with a straight spatula and a large circular flange. As compared to the Wisconsin or Wis-Foregger blade, the flange tends to be straighter and run parallel with the spatula. This blade was designed primarily for use in infants. The tip or beak of the Wis-Hipple is wider and well adapted to lifting the epiglottis.

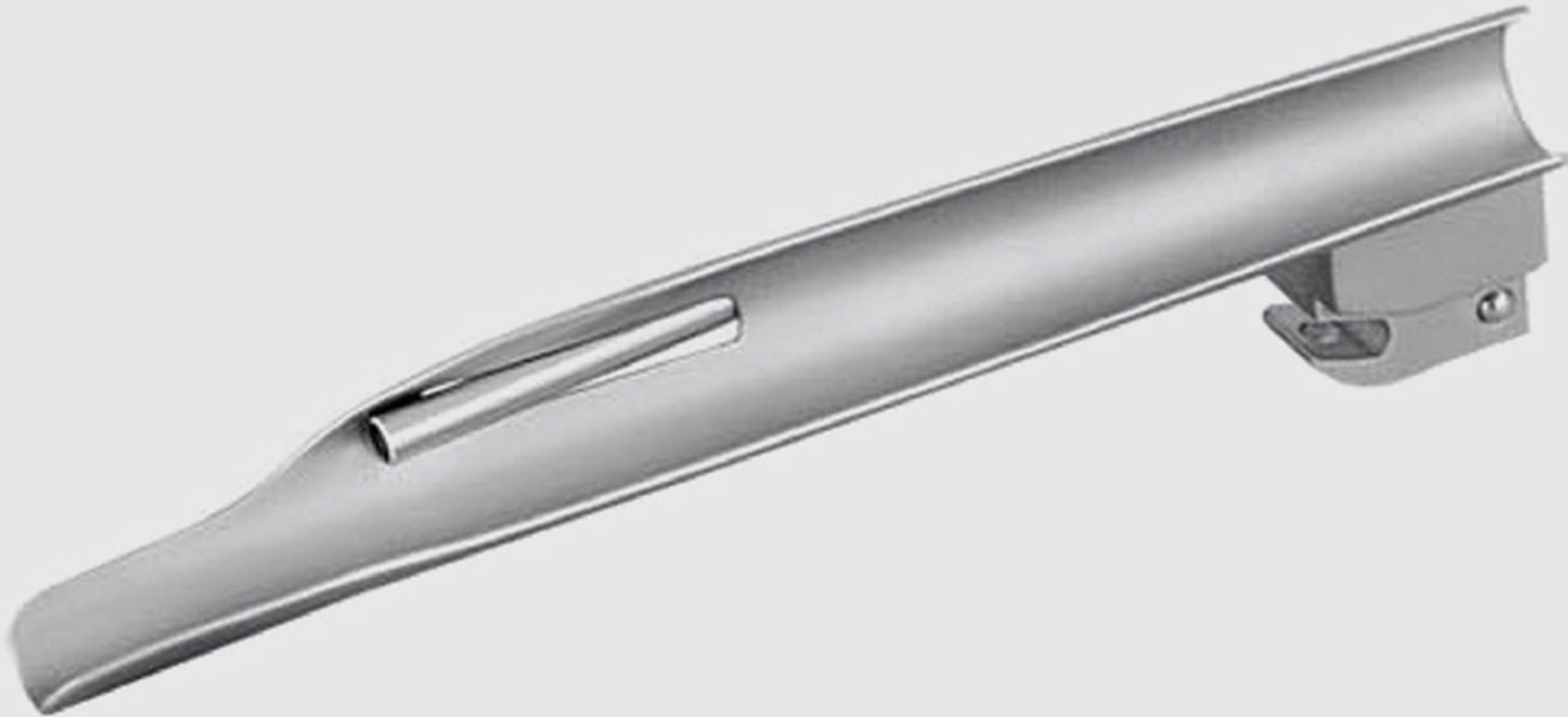


Cat. No.	Description	Blade	Size
1407-00	Premature	00	65 mm
1407-0	Neonate	0	77 mm
1407-1	Infant	1	102 mm
1407-1.5	Small Child	1.5	115 mm

FIBER OPTIC GREEN SYSTEM REUSABLE BLADES

WISCONSIN BLADES AMERICAN PROFILE

The Wisconsin blade with a straight spatula and a flange that expands slightly towards the distal portion of the blade. This feature increases the visual field and reduces the possibility of trauma during intubation. The distal portion of the blade is wider and formed slightly to the right to better adapt to lifting the epiglottis.



Cat. No.	Description	Blade	Size
1408-0	Neonate	0	77mm
1408-1	Infant	1	102mm
1408-2	Child	2	132mm
1408-3	Adult	3	160mm
1408-4	Large Adult	4	200mm

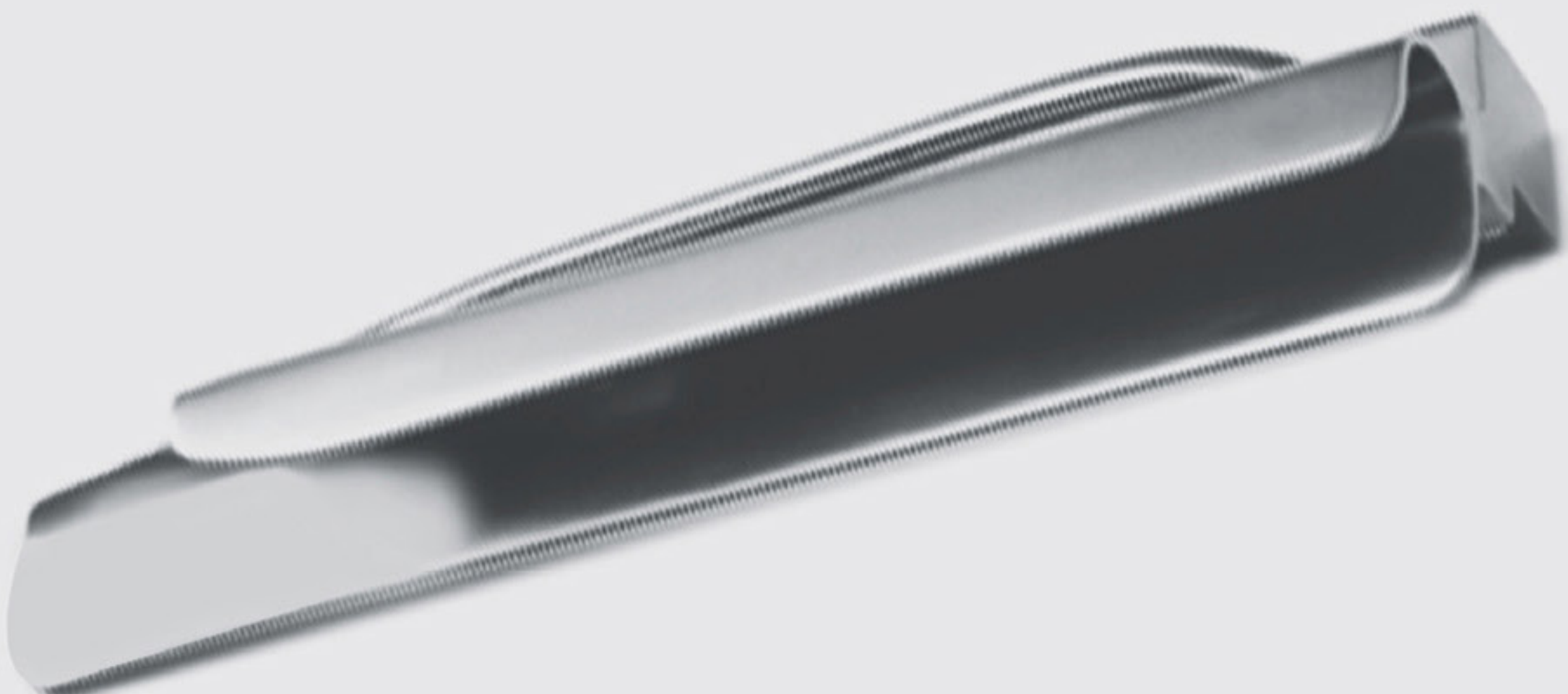
PHILIPS BLADES STANDARD PROFILE

The Phillips Blade integrates the straight blade design with the curved distal tip Miller design providing greater visibility and an almost direct line approach to the trachea during intubation.



Cat. No.	Description	Blade	Size
1409-1	Infant	1	114 mm
1409-2	Child	2	165 mm

NEGUS BLADES ENGLISH PROFILE



Cat. No.	Description	Blade	Size
1410-0	Neonate 0	0	82 mm
1410-1	Infant 1	1	96 mm
1410-2	Child 2	2	122 mm
1410-3	Adult 3	3	136 mm
1410-4	Large Adult 4	4	162 mm

FIBER OPTIC GREEN SYSTEM REUSABLE BLADES

ROBERTSHAW BLADES ENGLISH PROFILE

Designed specifically for infants and children. Spatula is gently curved over the distal third and can indirectly lift the epiglottis similar to a Macintosh blade. Permits binocular vision allowing better judgement of depth and consequently less risk of trauma



Cat. No.	Description	Blade	Size
1411-0	Neonate	0	95 mm
1411-1	Infant	1	113 mm

POLIO BLADES ENGLISH PROFILE

Modified Macintosh English profile blade for indirect laryngoscopy; angled at 120 degrees. Blade is offset from handle at an obtuse angle to allow intubation of patients on respirators, in body jackets as well as other difficult intubation scenarios



Cat. No.	Description	Blade	Size
1413-2	Child	2	105 mm
1413-3	Adult	3	135 mm
1413-4	Large Adult	4	155 mm

SEWARD BLADES ENGLISH PROFILE

Originally produced as an infant blade for use in asphyxia neonatorum, it is now available to fit older children.

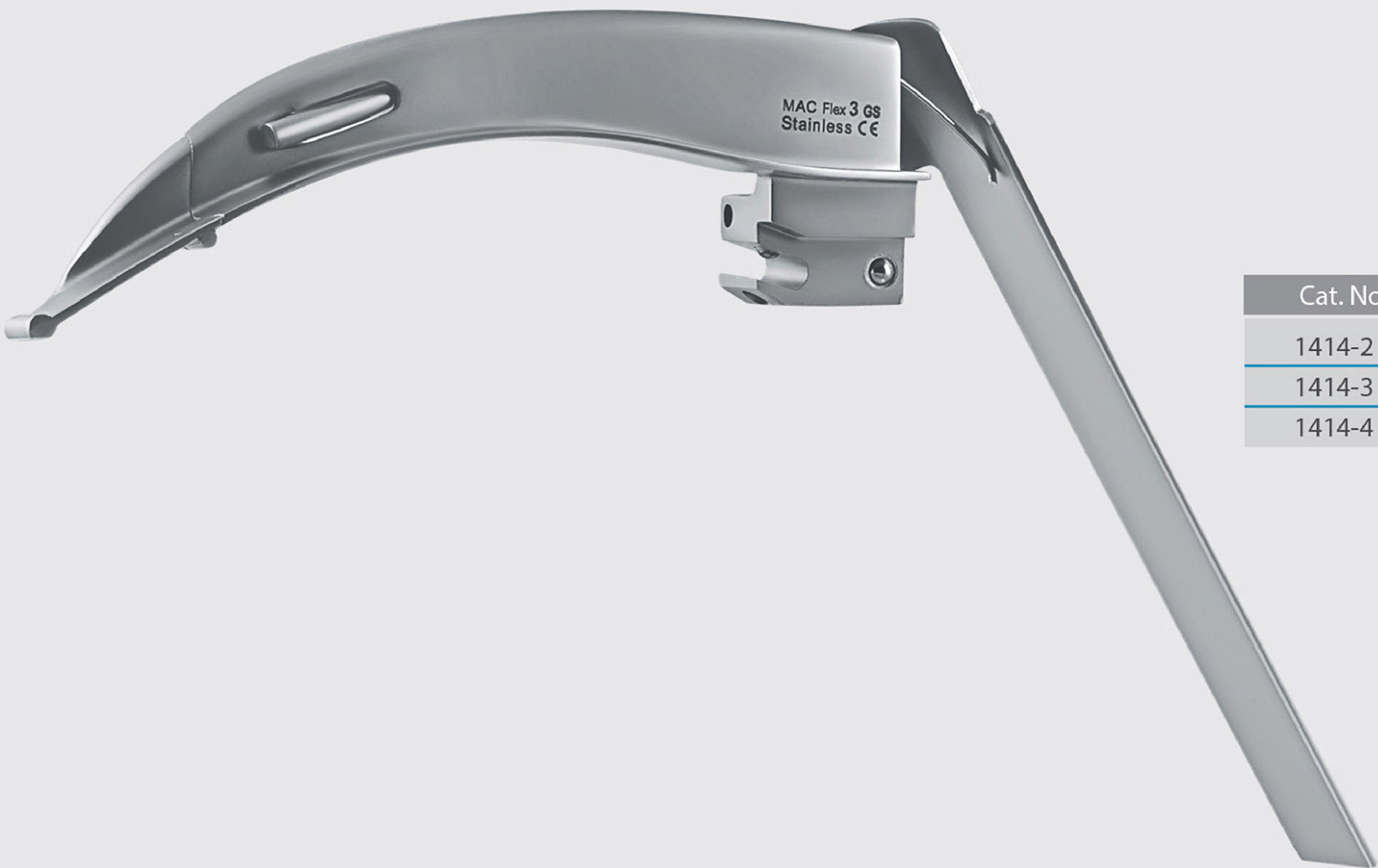


Cat. No.	Description	Blade	Size
1412-1	Infant	1	106 mm
1412-2	Child	2	130 mm

FIBER OPTIC GREEN SYSTEM REUSABLE BLADES

MACFLEX BLADES ENGLISH PROFILE

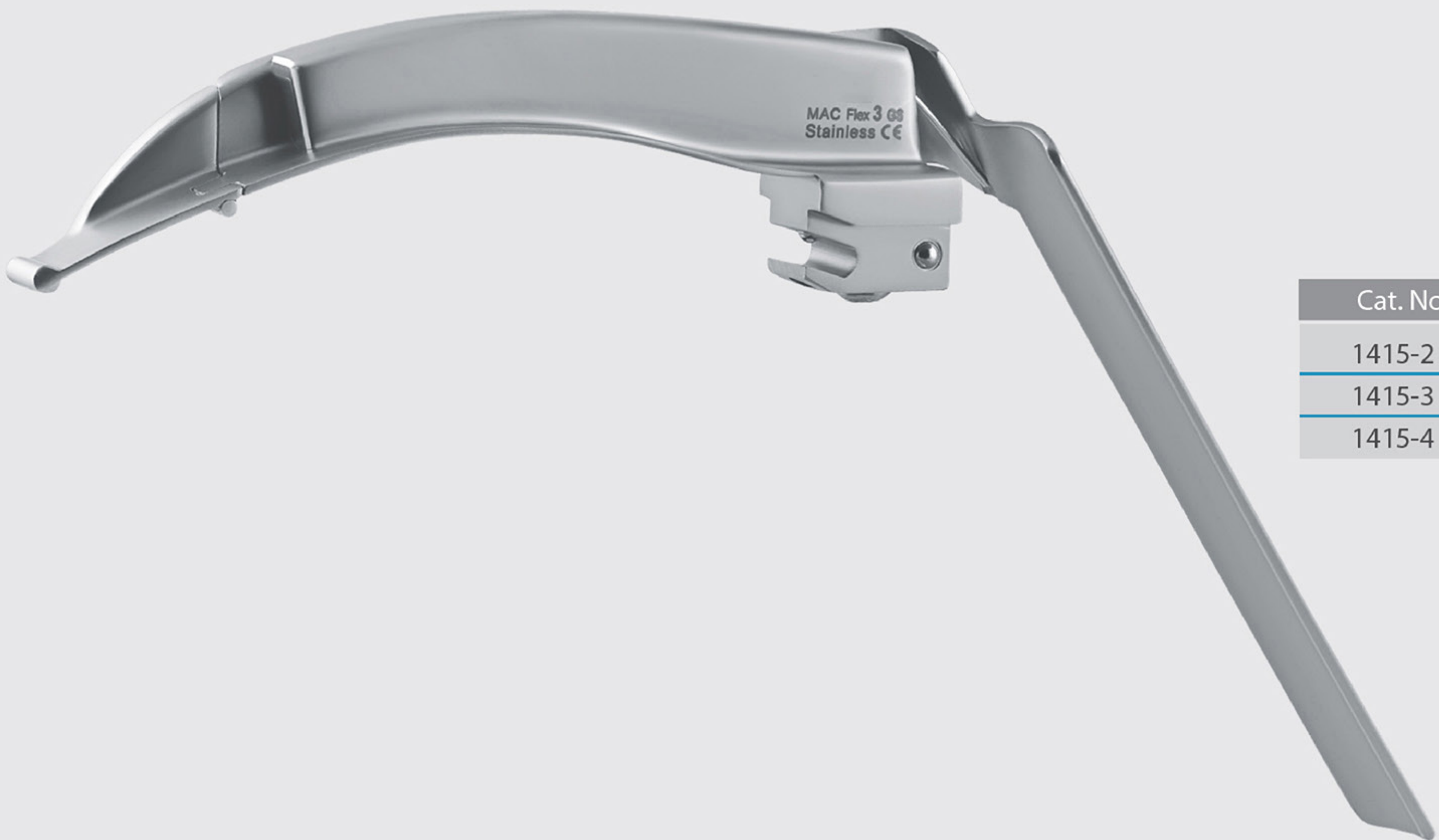
These blades have a flexible tip that is controlled by a lever attached to the proximal end of the blade. This laryngoscope may be helpful when a difficult intubation is encountered. It may be especially useful in patients with minimal neck movement.



Cat. No.	Description	Blade	Size
1414-2	Child	2	105 mm
1414-3	Adult	3	135 mm
1414-4	Large Adult	4	155 mm

MACFLEX BLADES WITH INTEGRATED LIGHT GUIDE GERMAN PROFILE

These blades have a flexible tip that is controlled by a lever attached to the proximal end of the blade. This laryngoscope may be helpful when a difficult intubation is encountered. It may be especially useful in patients with minimal neck movement.



Cat. No.	Description	Blade	Size
1415-2	Child	2	115 mm
1415-3	Adult	3	135 mm
1415-4	Large Adult	4	155 mm

FIBER OPTIC GREEN SYSTEM REUSABLE BLADES

MACINTOSH SET, ENGLISH PROFILE



XENON	LED	
Cat. No.	Cat. No.	Description
1416-1	1422-1	Set of 4 Blades 1,2,3,4 with 1 Med Handle, 1 Replacement Lamp, in Plastic Case
1416-2	1422-2	Set of 5 Blades 0,1,2,3,4 with 1 Med Handle, 1 Replacement Lamp, in Plastic Case
1416-3	1422-3	Set of 6 Blades 0,1,2,3,4,5 with 1 Med Handle, 1 Replacement Lamp, in Plastic Case

MILLER SET, ENGLISH PROFILE



XENON	LED	
Cat. No.	Cat. No.	Description
1417-1	1423-1	Set of 4 Blades 1,2,3,4 with 1 Med Handle, 1 Replacement Lamp, in Plastic Case
1417-2	1423-2	Set of 5 Blades 0,1,2,3,4 with 1 Med Handle, 1 Replacement Lamp, in Plastic Case
1417-3	1423-3	Set of 6 Blades 0,1,2,3,4,5 with 1 Med Handle, 1 Replacement Lamp, in Plastic Case

MACFLEX SET, ENGLISH PROFILE



XENON	LED	
Cat. No.	Cat. No.	Description
1420-1	1426-1	Set of 2 Blades 3,4 with 1 Med Handle, 1 Replacement Lamp, in Plastic Case.

FIBER OPTIC GREEN SYSTEM REUSABLE BLADES

MACINTOSH SET, INTEGRATED LIGHT GUIDE, GERMAN PROFILE



XENON	LED	
Cat. No.	Cat. No.	Description
1418-1	1424-1	Set of 4 Blades 1,2,3,4 with 1 Med Handle, 1 Replacement Lamp, in Plastic Case.
1418-2	1424-2	Set of 5 Blades 0,1,2,3,4 with 1 Med Handle, 1 Replacement Lamp, in Plastic Case.
1418-3	1424-3	Set of 6 Blades 0,1,2,3,4,5 with 1 Med Handle, 1 Replacement Lamp, in Plastic Case.

MILLER SET, INTEGRATED LIGHT GUIDE, GERMAN PROFILE



XENON	LED	
Cat. No.	Cat. No.	Description
1419-1	1425-1	Set of 4 Blades 1,2,3,4 with 1 Med Handle, 1 Replacement Lamp, in Plastic Case.
1419-2	1425-2	Set of 5 Blades 0,1,2,3,4 with 1 Med Handle, 1 Replacement Lamp, in Plastic Case.
1419-3	1425-3	Set of 6 Blades 00,0,1,2,3,4 with 1 Med Handle, 1 Replacement Lamp, in Plastic Case.

MACFLEX SET, INTEGRATED LIGHT GUIDE, GERMAN PROFILE



XENON	LED	
Cat. No.	Cat. No.	Description
1421-1	1427-1	Set of 2 Blades 3,4 with 1 Med Handle, 1 Replacement Lamp, in Plastic Case.

BATTERY HANDLES & REPLACEMENT LAMPS FOR GREEN SYSTEM FIBER OPTIC LARYNGOSCOPE

BATTERY HANDLES, STAINLESS STEEL



XENON	LED		
Cat. No.	Cat. No.	Description	Size
1451-1	1453-1	Infant, (1xLithium 123 Size)	122mm
1451-2	1453-2	Stubby, (1xLithium 123 Size)	125mm
1451-3	1453-3	Pediatric, (2xAA Size)	160mm
1451-4	1453-4	Medium, (2xC Size)	160mm
1451-5	1453-5	Large, (2xD Size)	175mm

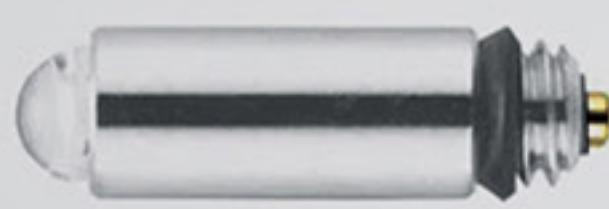
BATTERY HANDLES, BRASS CHROME PLATED



XENON	LED		
Cat. No.	Cat. No.	Description	Size
1452-1	1454-1	Infant, (1xLithium 123 Size)	122mm
1452-2	1454-2	Stubby, (1xLithium 123 Size)	125mm
1452-3	1454-3	Pediatric, (2xAA Size)	160mm
1452-4	1454-4	Medium, (2xC Size)	160mm
1452-5	1454-5	Large, (2xD Size)	175mm

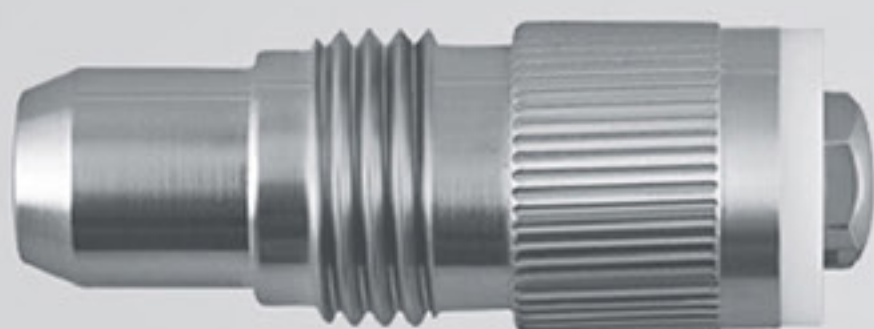
REPLACEMENT XENON LAMP

Cat. No.
1461-1



REPLACEMENT LED LAMP CARTRIDGE

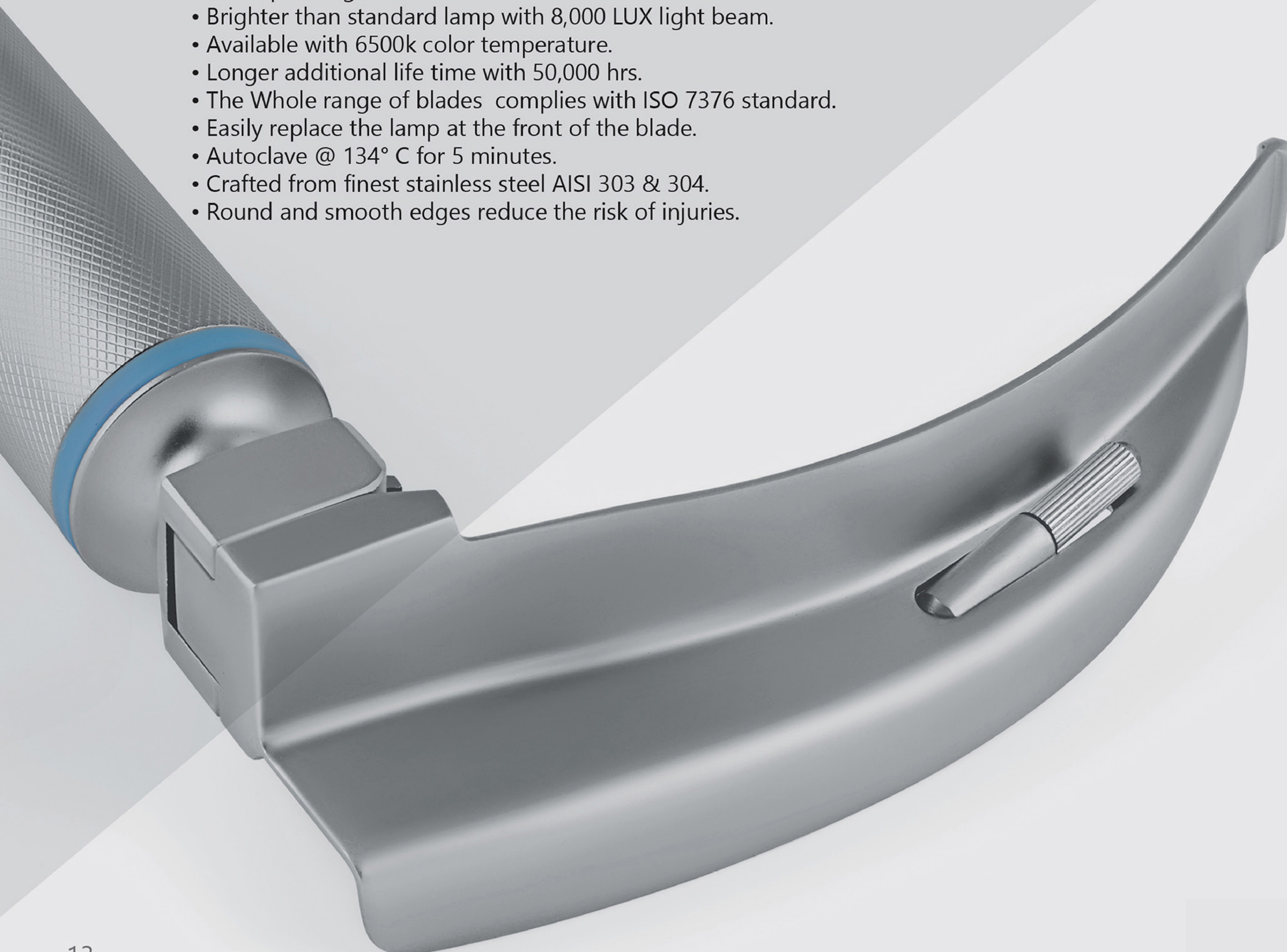
Cat. No.
1461-2



CONVENTIONAL SYSTEM REUSABLE - STAINLESS STEEL LARYNGOSCOPE BLADES

We have accommodated the whole range of conventional lamp blades into LED choice also, which protects the patient from accidental burns during lengthy procedures.

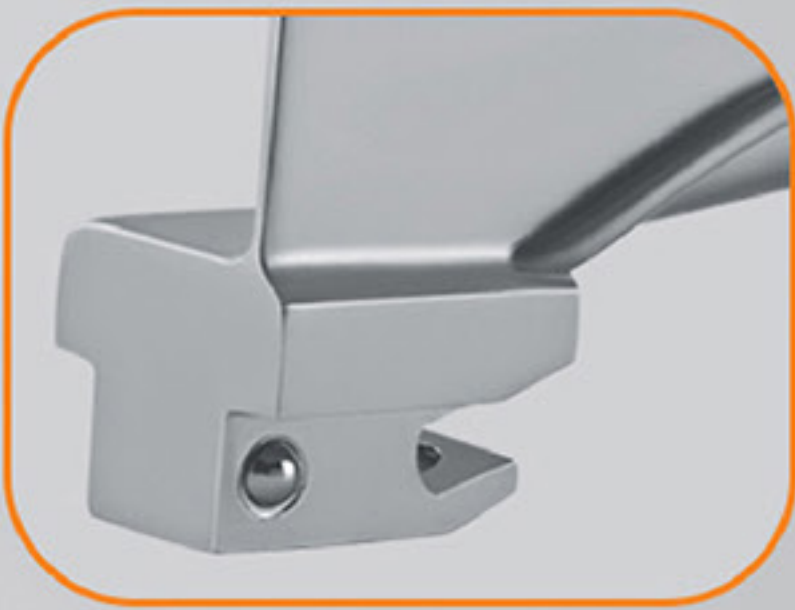
- **Standard Vacuum Lamp:**
 - Reliable vacuum standard lamp of 2.5V for better illumination.
 - Conventional color temperature of 3000k @ 2000 LUX.
 - 2hrs operating time with 20hrs life of lamp.
- **LED Lamp:**
 - LED lamps give continuous cool and bright illumination.
 - 2hrs operating time.
 - Brighter than standard lamp with 8,000 LUX light beam.
 - Available with 6500k color temperature.
 - Longer additional life time with 50,000 hrs.
 - The Whole range of blades complies with ISO 7376 standard.
 - Easily replace the lamp at the front of the blade.
 - Autoclave @ 134° C for 5 minutes.
 - Crafted from finest stainless steel AISI 303 & 304.
 - Round and smooth edges reduce the risk of injuries.



CONVENTIONAAL SYSTEM REUSABLE BLADES

MACINTOSH BLADES ENGLISH PROFILE

The English Macintosh is similar to the conventional Macintosh except that the flange is curved and lower at the handle end. Two studies have proved that this blade provided better results than other commonly used blades.

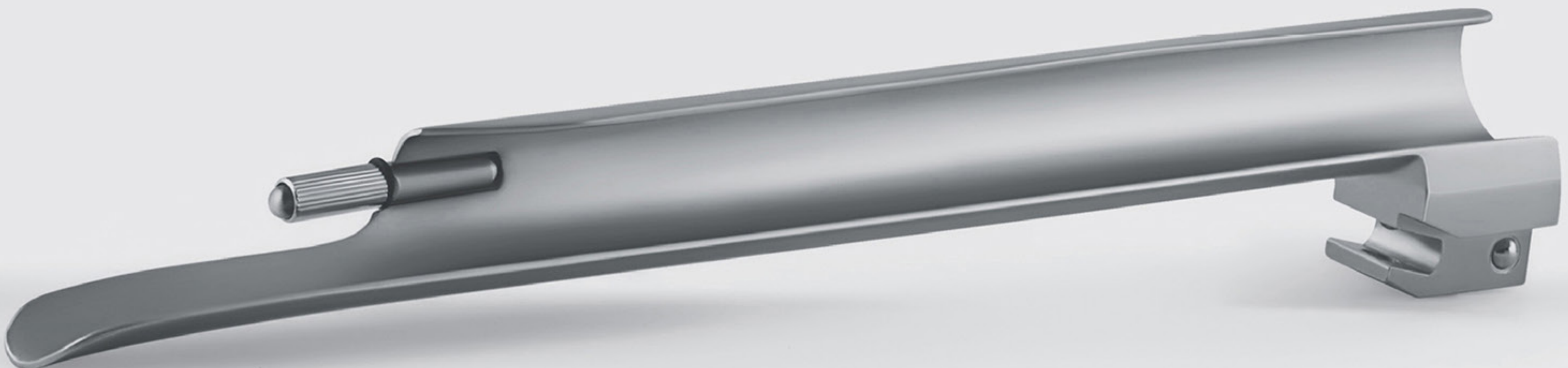
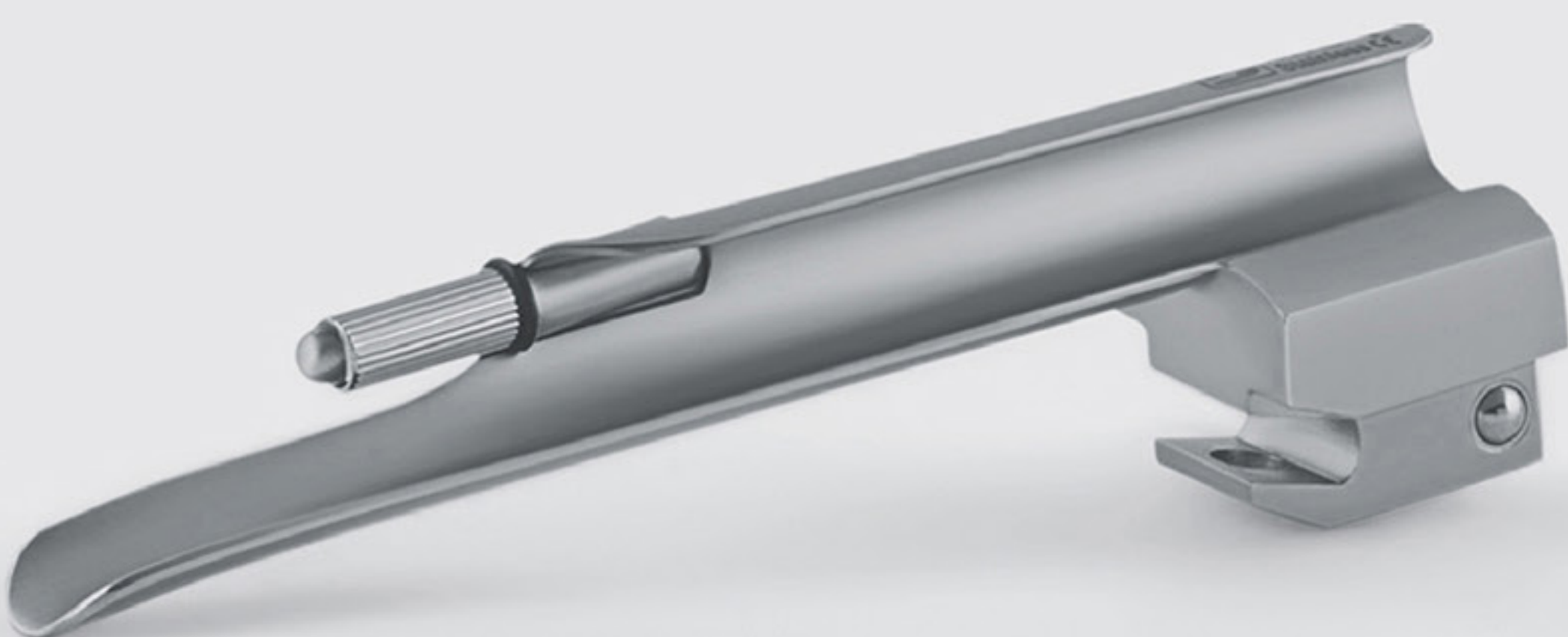
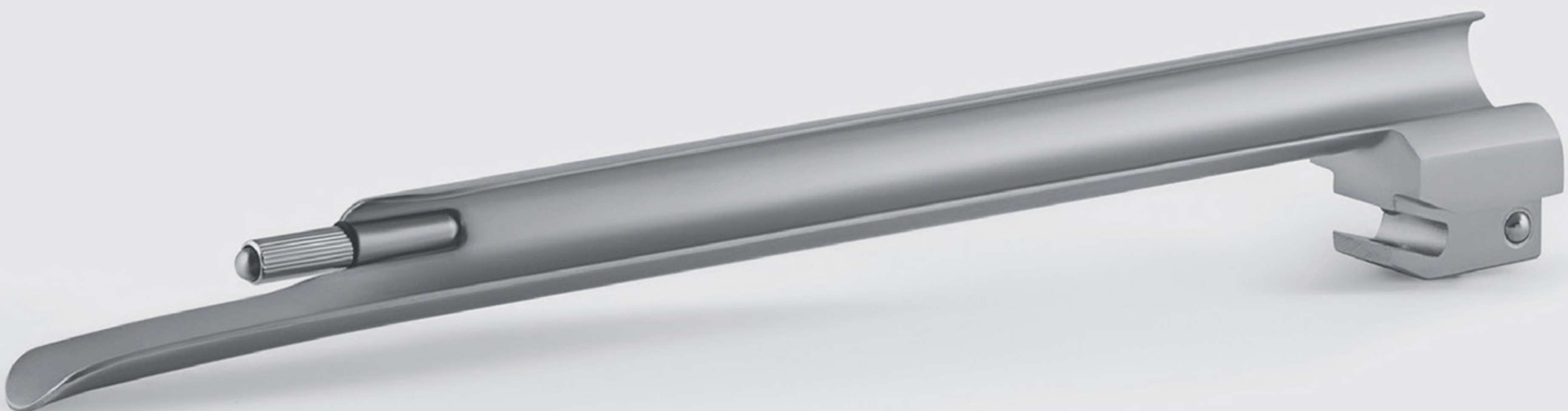
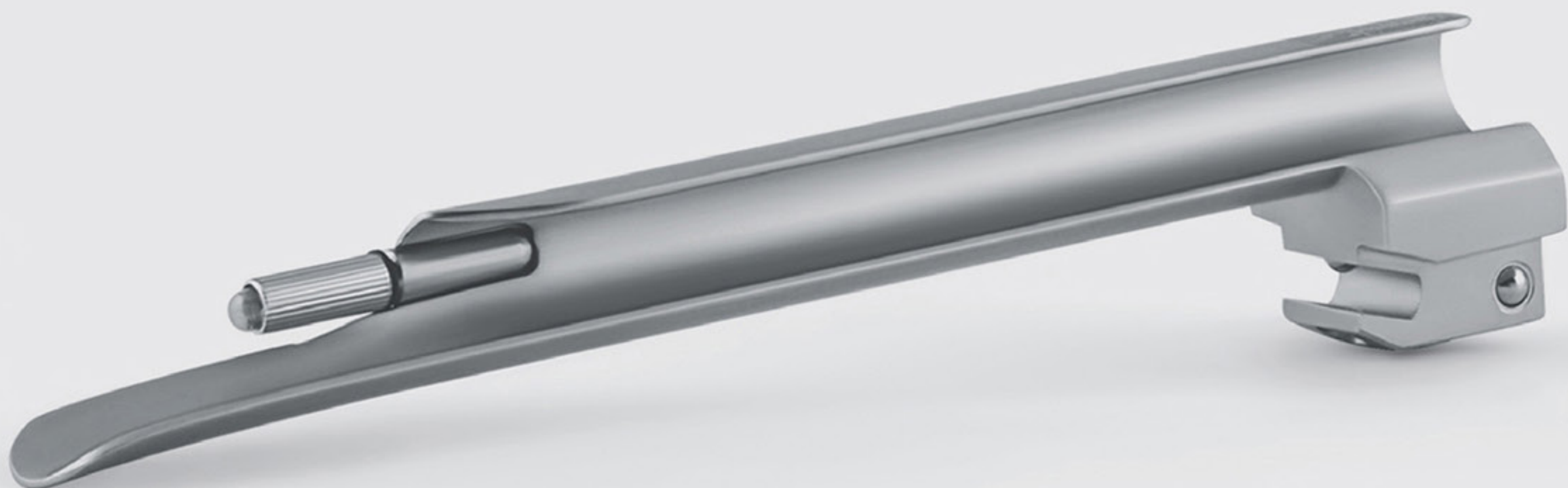
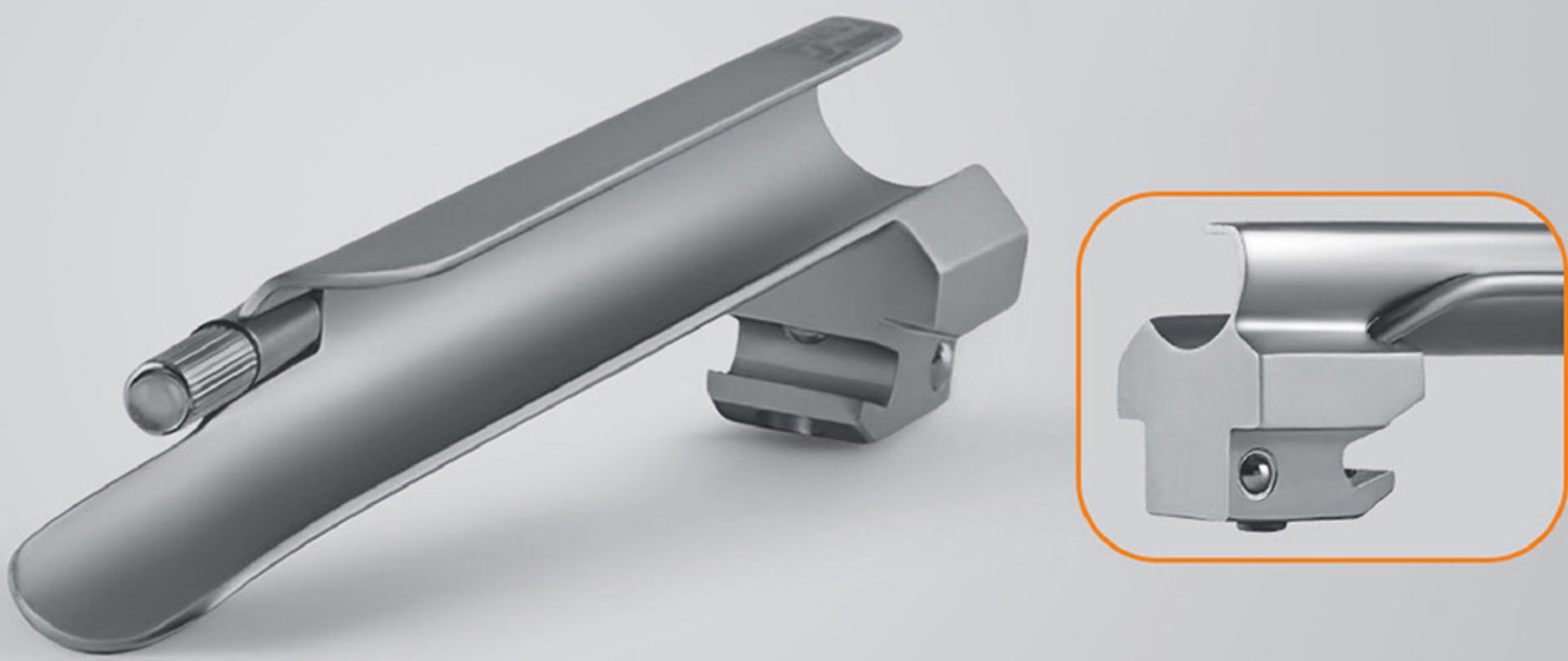


Cat. No.	Description	Blade	Size
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1201-3	Adult	3	135 mm
1201-4	Large Adult	4	155 mm
1201-5	X-Large Adult	5	175 mm

FIBER OPTIC GREEN SYSTEM REUSABLE BLADES

MILLER BLADES ENGLISH PROFILE

The Miller is one of the most popular blades. The tongue is straight with a slight upward curve near the tip. In cross-section the flange, web, and tongue form a C with the top fattened. Placing the bulb on the right side allows it to be protected by the flange. Several modifications have been described. In comparing the Macintosh and Miller blades, it was found that force head extension and cervical spine movement were less with the Miller.



Cat. No.	Description	Blade	Size
1202-000	Small Premature	000	55 mm
1202-00	Premature	00	65 mm
1202-0	Neonate	0	78 mm
1202-1	Infant	1	102 mm
1202-2	Child	2	155 mm
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American Profile MacIntosh Blade includes spatula with smooth and gentle curve extending from lock of tip. Construction resembles reverse Z flange, facilitating greater access during intubation.



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1204-3	Adult	3	196 mm
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WIS-HIPPLE BLADES AMERICAN PROFILE

A modification of the Wisconsin blade with a straight spatula and a large circular flange. As compared to the Wisconsin or Wis-Foregger blade, the flange tends to be straighter and run parallel with the spatula. This blade was designed primarily for use in infants. The tip or beak of the Wis-Hipple is wider and well adapted to lifting the epiglottis.

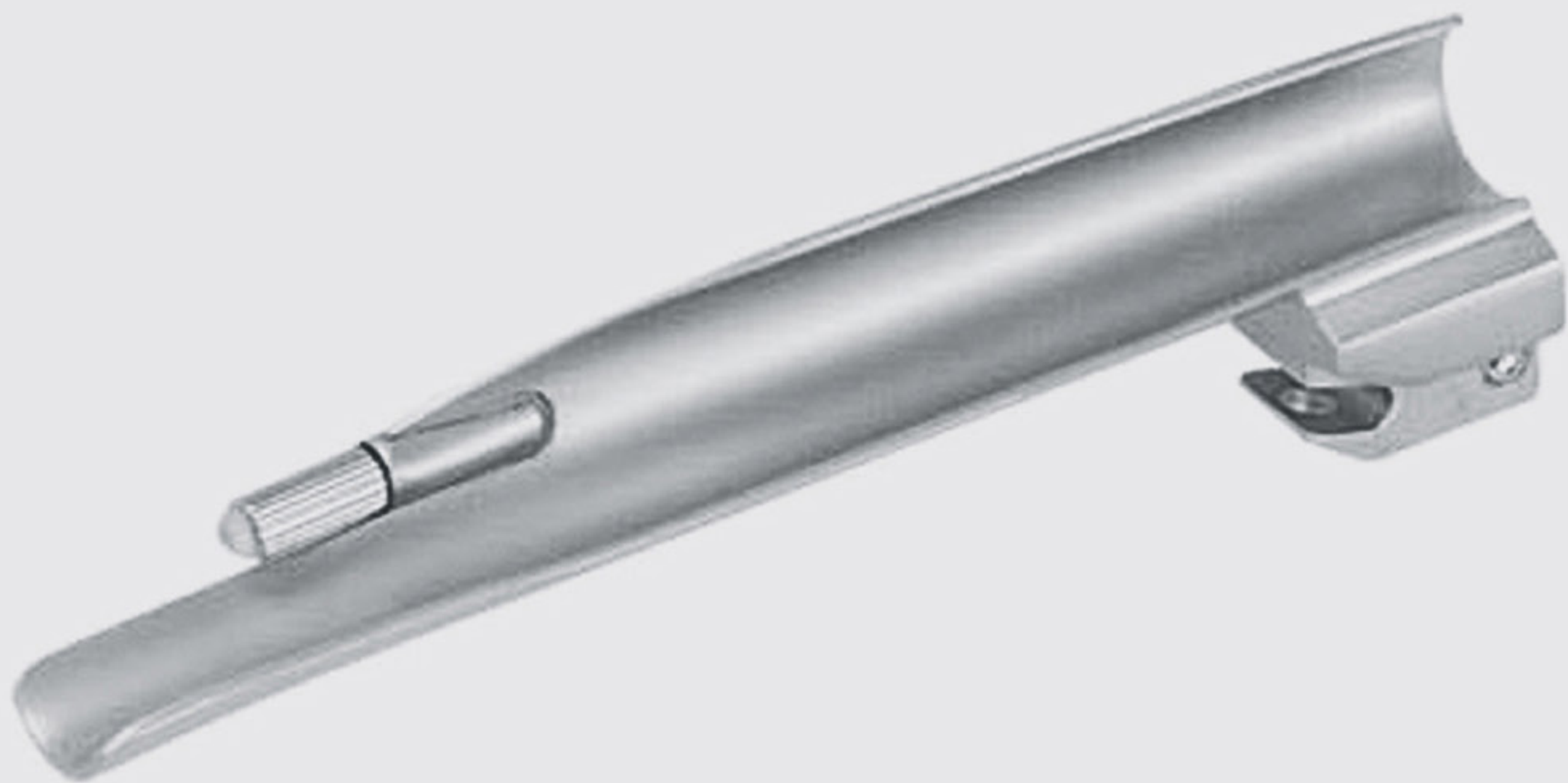


Cat. No.	Description	Blade	Size
1205-00	Premature	00	65 mm
1205-0	Neonate	0	77 mm
1205-1	Infant	1	102 mm
1205-1.5	Small Child	1.5	115 mm

CONVENTIONAAL SYSTEM REUSABLE BLADES

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NEGUS BLADES ENGLISH PROFILE



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1208-1	Infant 1	1	96 mm
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CONVENTIONAL SYSTEM REUSABLE BLADES

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Cat. No.	Description	Blade	Size
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1209-1	Infant	1	113 mm

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Modified Macintosh English profile blade for indirect laryngoscopy; angled at 120 degrees. Blade is offset from handle at an obtuse angle to allow intubation of patients on respirators, in body jackets as well as other difficult intubation scenarios



Cat. No.	Description	Blade	Size
1211-2	Child	2	105 mm
1211-3	Adult	3	135 mm
1211-8	Large Adult	4	155 mm

SEWARD BLADES ENGLISH PROFILE

Originally produced as an infant blade for use in asphyxia neonatorum, it is now available to fit older children.



Cat. No.	Description	Blade	Size
1210-1	Infant	1	106 mm
1210-2	Child	2	130 mm

CONVENTIONAL SYSTEM REUSABLE BLADES

MACFLEX BLADES ENGLISH PROFILE

These blades have a flexible tip that is controlled by a lever attached to the proximal end of the blade. This laryngoscope may be helpful when a difficult intubation is encountered. It may be especially useful in patients with minimal neck movement.



Cat. No.	Description	Blade	Size
1212-2	Child	2	105 mm
1212-3	Adult	3	135 mm
1212-4	Large Adult	4	155 mm

CONVENTIONAL SYSTEM REUSABLE BLADES

MACINTOSH SET, ENGLISH PROFILE



Cat. No.	Description
1213-1	Set of 4 Blades 1,2,3,4 with 1 Med Handle, 1 Replacement Lamp, in Plastic Case.
1213-2	Set of 5 Blades 0,1,2,3,4 with 1 Med Handle, 1 Replacement Lamp, in Plastic Case.
1213-3	Set of 6 Blades 0,1,2,3,4,5 with 1 Med Handle, 1 Replacement Lamp, in Plastic Case.

MILLER SET, ENGLISH PROFILE



Cat. No.	Description
1214-1	Set of 4 Blades 1,2,3,4 with 1 Med Handle, 1 Replacement Lamp, in Plastic Case.
1214-2	Set of 5 Blades 1,2,3,4 with 1 Med Handle, 1 Replacement Lamp, in Plastic Case.
1214-3	Set of 6 Blades 1,2,3,4 with 1 Med Handle, 1 Replacement Lamp, in Plastic Case.

MACFLEX SET, ENGLISH PROFILE



Cat. No.	Description
1215-1	Set of 2 Blades 3,4 with 1 Med Handle, 1 Replacement Lamp, in Plastic Case.

CONVENTIONAL SYSTEM REUSABLE BLADES

BATTERY HANDLES, STAINLESS STEEL



Cat. No.	Description	Size
1251-1	Infant, (1xLithium 123 Size)	110mm
1251-2	Stubby, (1xLithium 123 Size)	115mm
1251-3	Pediatric, (2xAA Size)	150mm
1251-4	Medium, (2xC Size)	150mm
1251-5	Large, (2xD Size)	165mm

BATTERY HANDLES, BRASS CHROME PLATED



Cat. No.	Description	Size
1252-1	Infant, (1xLithium 123 Size)	110mm
1252-2	Stubby, (1xLithium 123 Size)	115mm
1252-3	Pediatric, (2xAA Size)	150mm
1252-4	Medium, (2xC Size)	150mm
1252-5	Large, (2xD Size)	165mm

REPLACEMENT LAMPS



Cat. No.	Description
1253-01	Small, C-LED/W-LED
1253-02	Adult, C-LED/W-LED
1253-03	Small, Frosted
1253-04	Adult, Frosted