



Rüsch™

Laryngoscopes

Comprehensive solutions for your intubation needs

Working together to advance

With its rich heritage of research and innovation, Teleflex™ is dedicated to advancing anaesthesia practice through the continuous improvement of airway management technology.

>135

year history of producing German-quality anaesthesia and respiratory medical devices

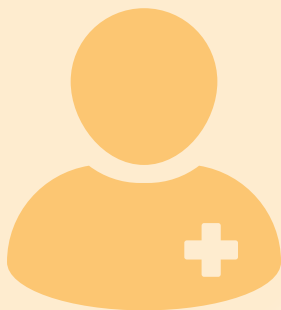
427 patents held for airway devices



Every 3 seconds an LMA™ Airway is used somewhere in the world*

Teleflex™ products used during intubations each year¹

>25m



> 12,000 clinicians trained in Teleflex™ procedural labs every year

*Data on file

¹ Teleflex™ Global Anesthesia sales data, YOY, Dec. 2017

anaesthesia practice



A diverse portfolio of trusted airway management brands



RÜSCH™



LMA™



Gibeck™



Table of Contents

Reliable visualisation is critical for successful intubation . 05

Fibre-Optic Systems

Disposable Devices

Disposable Blades

Rüsch™ Polaris™ Single-Use Laryngoscope Blades . 06-07
Rüsch Safeview Blades 08
Metal Blades with Flexible Tip 08

Disposable Handle

Rüsch™ DispoLED Handle 09

Reusable Devices

Reusable Blades

Maxlite Metal Blades 10

Reusable Handles

Rüsch™ LED Handle 11
Rüsch™ GreenLED Handle 11
Rüsch™ GreenSpec Xenon Handle. 12

Accessories 13

Speciality Devices

Rüsch™ TruLite™ Secure Blade and Handle Combination . 14
MR Conditional Laryngoscope System 15

Index 17

Teleflex™ offers a broad range of Laryngoscopes, including options to manage difficult airways, and improve procedural efficiency.

Reliable visualisation is critical for successful intubation

Reliable visualisation of the vocal cords is a critical requirement for successful intubation. Laryngoscopes with poor light intensity have the potential to negatively impact vocal cord visualisation; therefore, the International Organisation for Standardisation (ISO) recommends a minimum light intensity of 500 lux for intubation (ISO 7376:2009).¹

Research shows the light intensity from many reusable laryngoscope blades is substandard, and may be associated with more poor grade laryngeal views and more failed first intubation attempts compared with single-use blades.^{2,3} Repeated reprocessing of reusable fibre-optic laryngoscope blades is a contributory factor to poor illumination, with research showing that light intensity can degrade by 34-50% over time^{4,5}

~1/3

of reusable laryngoscopes tested in clinical studies exhibited substandard illuminance⁶⁻⁸

34-50%

degradation in light intensity occurs over time due to repeated reprocessing of reusable fibre-optic laryngoscope blades^{4,5}

The Rüschtm Polaris™ Laryngoscope Blade and Rüschtm TruLite™ Secure Laryngoscope help reduce the potential for cross-contamination associated with reusable devices. They feature the latest advances in laryngoscope blade illumination technology that are designed to provide reliable visualisation when you need it most.



Fibre-Optic Systems

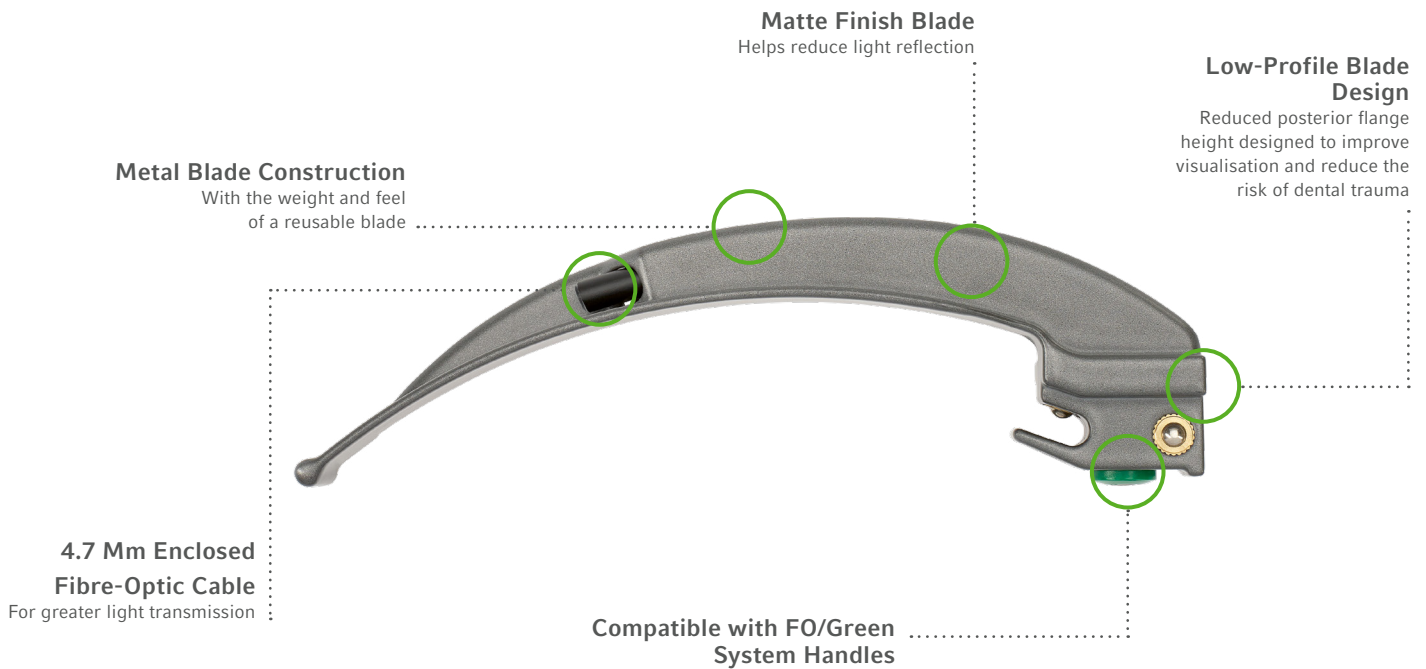


Rüschi™ Polaris™ Single-Use Laryngoscope Blade

The durability of reusable with the convenience of a single-use blade

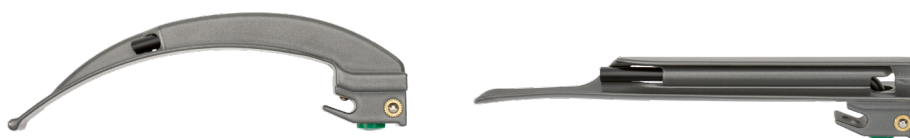
Concerns exist regarding the performance, rigidity, and strength of some single-use laryngoscope blades compared with reusable blades.^{15,16}

With its durable, metal construction, the Rüschi™ Polaris™ Laryngoscope Blade addresses these concerns, offering users the feel of a reusable blade with the convenience of a single-use blade.



Single-Use Fibre-Optic Systems

Rüsch™ Polaris™ Single-Use Laryngoscope Blade



- Metal Blade construction with the feel of a reusable blade
- Low-Profile blade design to improve visualisation and reduce the risk of dental trauma
- 4.7 mm enclosed Fibre-Optic Cable for greater light transmission
- Colour-coded packaging for easy identification of the correct size

Rüsch™ Polaris™ Single-Use Laryngoscope Blade

REF.	DESCRIPTION	OVERALL LENGTH (MM)	DISTAL WIDTH (MM)	COLOUR CODE	QTY
Macintosh blades					
4150100	Mac 0	85.0	10.7	Peach	10
4150110	Mac 1	94.5	9.9	White	
4150120	Mac 2	111.0	13.0	Blue	
4150130	Mac 3	133.0	14.0	Yellow	
4150140	Mac 4	149.00	13.0	Pink	
4150150	Mac 5	159.00	14.5	Dark Yellow	
Miller blades					
4150003	Miller 000	60.0	7.0	Light Green	10
4150002	Miller 00	66.5	12.8	Beige	
4150001	Miller 0	78.0	12.8	Violet	
4150010	Miller 1	103.0	12.8	Orange	
4150020	Miller 2	154.0	13.5	Grey	
4150030	Miller 3	195.0	13.5	Green	
4150040	Miller 4	205.0	19.0	Lavender	

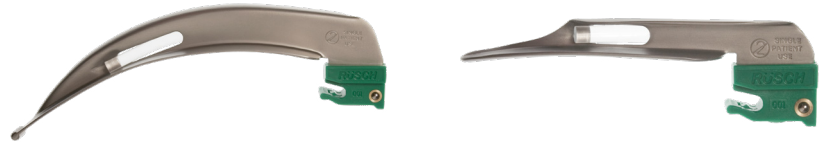
Focused, fibre-optic light transmission to aid visualisation

Performance of single-use with the durability of a reusable blade

Low-Profile Blade Design: Reduced posterior flange height designed to improve visualisation and reduce the risk of dental trauma

Disposable Blades

Rüsch™ Safeview Blades



- Made from durable stainless-steel to mimic the performance and feel of a reusable metal blade
- Bevelled blade tip reduces potential trauma to the patient
- High light transmission delivers clearly visible structures thanks to excellent contrast and white light

Rüsch™ Safeview Single-Use Fibre-Optic Laryngoscope Blade

REF.	DESCRIPTION	ORDER SIZE	OVERALL LENGTH (MM)*	DISTAL WIDTH (MM)	QTY
670150	<ul style="list-style-type: none"> • Macintosh • Single-use 	0	81	11.0	10
		1	90	11.0	
		2	100	12.5	
		3	130	14.5	
		4	155	14.5	
		5	175	15.0	
670185	<ul style="list-style-type: none"> • Miller • Single-use 	00	65	10.0	10
		0	79	10.0	
		1	105	12.0	
		2	157	12.0	
		3	180	12.0	
		4	208	14.0	

Metal Blades with Flexible Tip

For difficult intubations

- Made from medical grade stainless-steel
- Bevelled tip to minimise tissue trauma
- The blade tip can be adjusted for improved control in difficult intubation cases
- Macintosh style blades



Rüsch™ Metal Blade shown with DispoLED Disposable Handle (s. page 7)

Metal Blades with Flexible Tip

REF.	SIZE	OVERALL LENGTH (MM)	DISTAL WIDTH (MM)	QTY
670130	MAC 3	130	15	5
670130	MAC 4	150	15	

Disposable Handles

Rüsch™ DispoLED Handles

- Focused LED light source
- Stainless steel pin built to withstand the forces of intubation
- Sturdy Ergonomic Handle for user comfort and ease of use
- Pre-use light source testing in sealed packaging
- Ready-to-use – Preloaded with 2 alkaline AAA batteries. No need for sterilisation process time and costs.
- 3 year shelf-life
- All handle components can be recycled after disposal to minimise environmental impact



DispoLED Handle shown with Rüsch™ Polaris™ Disposable Metal Blade (s. page 6-7)



Rüsch™ DispoLED Single-Use Fibre-Optic Laryngoscope Handle

REF.	WEIGHT (G)	HEIGHT (CM)	DIAMETER (CM)	QTY
77700	73	12	2.8	20

Reusable Blades

Maxlite Metal Blades

- Made from high quality stainless steel with matte finish to help reduce glare
- Integrated fibre-optic bundle within the body of the blade to allow the blade to be easily cleaned and decontaminated
- High quality fibres to ensure excellent light transmission



Macintosh



Miller

Maxlite Metal Blades

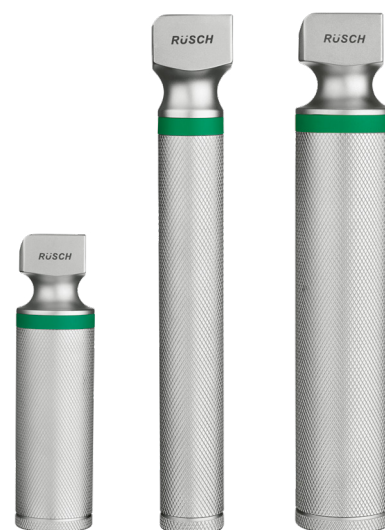
REF.	SIZE	OVERALL LENGTH (MM)	DISTAL WIDTH (MM)	QTY
Macintosh blades				
671000-000003	MAC 0	82	10	1
671000-000010	MAC 1	93	10	
671000-000020	MAC 2	115	13	
671000-000030	MAC 3	135	14	
671000-000040	MAC 4	155	14	
671000-000050	MAC 5	176	14	
Miller blades				
671060-000002	MILL 00	65	11	1
671060-000003	MILL 0	80	11	
671060-000010	MILL 1	100	11	
671060-000020	MILL 2	152	13	
671060-000030	MILL 3	192	13	
671060-000040	MILL 4	207	15	

On page 13 you will find our practical Hard Boxes to protect your blades and handles

Reusable Handles

Rüsch™ LED Handle

- LED illumination for accurate anatomical visualisation
- LED Life Span: ≥10.000 hours
- Knurled handles available in 3 sizes
- Power source (batteries not supplied):
Thin handle : 2x 1,5V AA Alkaline batteries
Adult handle: 2x 1,5V C size Alkaline batteries
Stubby handle: 1x CR-123 type 3,0 V Lithium battery



Metallic Fibre-Optic Laryngoscope Handle – reusable

REF.	ORDER SIZE	DESCRIPTION	WEIGHT (G)	HEIGHT (MM)	DIAMETER (MM)	QTY
671067	1	LED Handle*, thin	132	152	19	1
	2	LED Handle*, adult	228	151	29	
	3	LED Handle*, Stubby	200	109	29	

* no batteries included

Rüsch™ GreenLED Handle

- LED illumination - Integrated LED bulb provides optimal light output for accurate anatomical visualisation
- Innovative two part design to help reduce inventory costs
- Cushioned grip sleeve – designed with clinician's comfort in mind
- Works with 2 AA Alkaline batteries (not supplied)



GreenLED Handle

REF.	DESCRIPTION	WEIGHT (G)	HEIGHT (MM)	DIAMETER (MM)	QTY
133300	GreenLED Handle, medium	194	147	28	1



Spare Parts

REF.	DESCRIPTION	QTY
42152100	Rüsch™ GreenLED Handle Sleeve, medium	1
42153200	Rüsch™ GreenLED Battery Cartridge, medium	

Rüsch™ GreenSpec™ Xenon Handle

Handle:

- Xenon illumination – provides an incomparable cold bright light
- Knurled grip handle available in 2 sizes
- Power source: (batteries not supplied)
Mini handle: 2x 1,5V AA Alkaline Batteries
Medium handle: 2 C-Cell Alkaline Batteries



Rüsch™ GreenSpec™ Xenon Handle

REF.	DESCRIPTION	WEIGHT (G)	HEIGHT (MM)	DIAMETER (MM)	QTY
004411100	GreenSpec™ Handle, medium	196	146	28	1
004412200	GreenSpec™ Handle, mini	147	146	18	

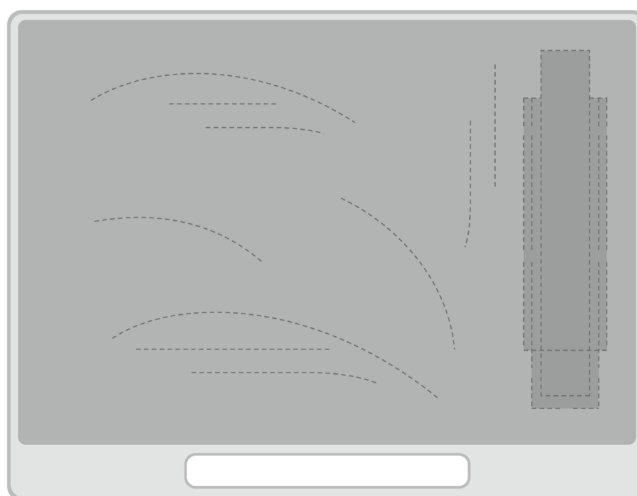
Accessory

REF.	DESCRIPTION	QTY
512501FO/6	Xenon bulb 2,5V	6

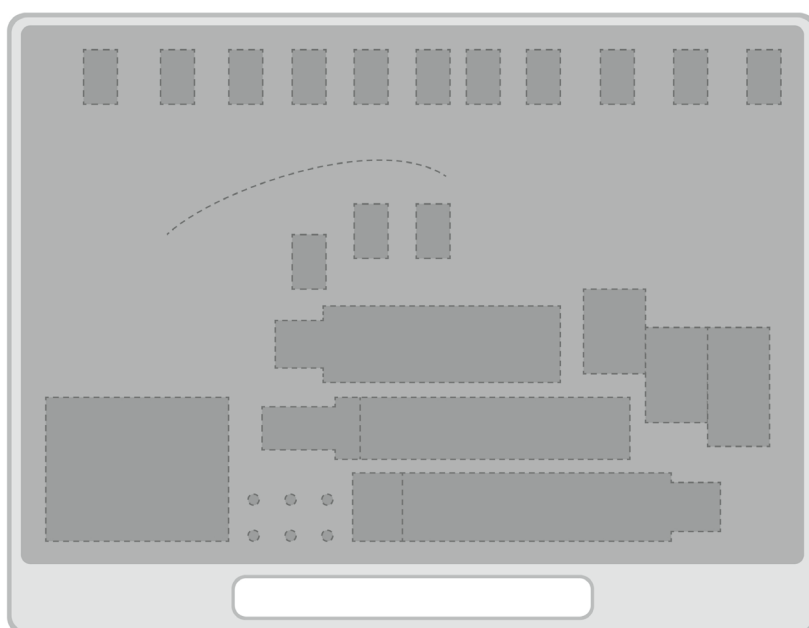
Accessories

Hard Box with Precut Foam

REF.	DESCRIPTION	HEIGHT	LENGTH	WIDTH	WEIGHT	QTY
5992/7	Universal Box to hold 1 handle and 5 blades	48 mm	230 mm	267 mm	402 g	1
5993/7	Universal Box to hold up to 3 handles and more than 6 blades	55 mm	280 mm	330 mm	578g	



5992/7



5993/7

Speciality Devices

Ideal for OR Intubations, Crash Carts and Emergency Situations

Rüsch™ TruLite Secure™ Blade and Handle Combination

Fully disposable solution to help reduce the risk of cross-contamination and eliminate reprocessing costs.

- Compact and lightweight – suitable for use in the OR, crash carts, airway kits and EMS bags
- Blade constructed of stainless steel with rounded edges and beveled tip
- Handle features a combination of high-grade, reinforced plastic with an ergonomic grip designed to withstand the forces commonly associated with intubation
- Bright blue-white LED source to help enhance tissue differentiation
- 2 AAA preloaded batteries for immediate use in emergency situations.
- Batteries are validated for a 3-year shelf life



Confident and Convenient Use

The Rüsch™ TruLite Secure™ Single-Use Laryngoscope Blade and Handle Combination is a one-piece blade and handle system that minimises the risk of incompatibility while featuring a wide range of colour-coded blades that help to enable clinicians to quickly identify and select the correct sizes for their patients.

Rüsch™ TruLite Secure™ Single-Use Laryngoscope Blade and Handle Combination

REF.	DESCRIPTION	LENGTH (MM)	DISTAL WIDTH (MM)	WEIGHT WITH BATTERIES (G)	COLOUR CODE	QTY
MACINTOSH BLADES						
004671002	Mac 2	100	11.5	108	Turquoise	10
004671003	Mac 3	130	15	125	Yellow	
004671004	Mac 4	157	15	135	Pink	
MILLER BLADES						
004670010	Mill 00	64	11.5	97	Beige	10
004670000	Mill 0	75	11.5	98	Purple	
004670001	Mill 1	101	11.5	104	Orange	
004670002	Mill 2	155	14	125	Grey	
004670003	Mill 3	195	14	137	Green	
004670004	Mill 4	205	14	141	Lavender	

MR Conditional Laryngoscope System

Rüsch™ MRI System

Designed for Intubation in the MRI Environment

Independently tested and certified to meet MR conditional requirements up to 3.0 Tesla and a highest spatial gradient field of 720-Gauss/cm*.



Sets available



- Brilliant-white Xenon light for reliable visualisation
- Identifiable gold and black design reduces the risk of incompatible equipment entering the MRI suite.
- Blade made of durable stainless-steel with replaceable gold plated FiberClip Light Guide for low magnetic resonance
- Handle made of stainless-steel head, contact and springs and aluminium barrel
- Carbon-Zinc battery with low magnetic signature for cost efficient** MR compatibility
- 2 batteries supplied with Sets of 3 blades or less
- 4 batteries supplied with Sets of 4 blades or more



Rüsch™ MRI Sets

REF.	MAC 1	MAC 2	MAC 3	MAC 4	MRI HANDLE	MILLER 0	MILLER 1	MILLER 2	MILLER 3
ONE BLADE SET									
5411M	1				1				
5412M		1			1				
5413M			1		1				
5414M				1	1				
5420M					1	1			
5421M					1		1		
5422M					1			1	
5423M					1				1
MULTIPLE BLADE SET									
5442M		1	1	1	1	1	1		
005852300		1	1	1	1		1	1	1
5446M	1	1			1	1	1		
5449M		1	1	1	1				


* Refer to the IFU for specific MR conditions

** Cost efficiencies may vary based on a number of factors, including specific markets, services, and rates.

Spare Parts - Blades

	REF.	DESCRIPTION	QTY
	5240M	Rüsch™ MRI Blade MAC 0	1
	5241M	Rüsch™ MRI Blade MAC 1	
	5242M	Rüsch™ MRI Blade MAC 2	
	5243M	Rüsch™ MRI Blade MAC 3	
	5244M	Rüsch™ MRI Blade MAC 4	
	5250M	Rüsch™ MRI Blade MILL 0	
	5251M	Rüsch™ MRI Blade MILL 1	
	5252M	Rüsch™ MRI Blade MILL 2	
	5253M	Rüsch™ MRI Blade MILL 3	
	5254M	Rüsch™ MRI Blade MILL 4	

Spare Parts - Handle

	REF.	DESCRIPTION	QTY
	5525M	Rüsch™ MRI Handle: medium	1

Replaceable FibreClip

REF.	DESCRIPTION	QTY
524102M	Rüsch™ MRI Fiberclip MAC 1	2
524202M	Rüsch™ MRI Fiberclip MAC 2	
524302M	Rüsch™ MRI Fiberclip MAC 3	
524402M	Rüsch™ MRI Fiberclip MAC 4	
525002M	Rüsch™ MRI Fiberclip MILL 0	
525102M	Rüsch™ MRI Fiberclip MILL 1	
525202M	Rüsch™ MRI Fiberclip MILL 2	
525302M	Rüsch™ MRI Fiberclip MILL 3	
525402M	Rüsch™ MRI Fiberclip MILL 4	

Batteries

REF.	DESCRIPTION	QTY
005853300	Rüsch™ MRI Batteries pack of 1	1
53102M	Rüsch™ MRI Batteries pack of 2	2

Index

REF.	PAGE
4150100	7
4150110	7
4150120	7
4150130	7
4150140	7
4150150	7
4150003	7
4150002	7
4150001	7
4150010	7
4150020	7
4150030	7
4150040	7
670150	8
670185	8
670130	8
670130	8
77700	9
671000-000003	10
671000-000010	10
671000-000020	10
671000-000030	10
671000-000040	10
671000-000050	10
671060-000002	10
671060-000003	10
671060-000010	10
671060-000020	10
671060-000030	10
671060-000040	10
671067	11
133300	11
42152100	11
42153200	11
004411100	12
004412200	12
512501FO/6	12
5992/7	13
5993/7	13
004671002	14
004671003	14
004671004	14
004670010	14
004670000	14
004670001	14
004670002	14

REF.	PAGE
004670003	14
004670004	14
5411M	15
5412M	15
5413M	15
5414M	15
5420M	15
5421M	15
5422M	15
5423M	15
5442M	15
005852300	15
5446M	15
5449M	15
5240M	16
5241M	16
5242M	16
5243M	16
5244M	16
5250M	16
5251M	16
5252M	16
5253M	16
5254M	16
5525M	16
524102M	16
524202M	16
524302M	16
524402M	16
525002M	16
525102M	16
525202M	16
525302M	16
525402M	16
005853300	16
53102M	16

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