



OPTIMA CLX LARYNGOSCOPES AND SETS

EXCEPTIONAL QUALITY ● FIBRE OPTIC GLASS ● REPLACEABLE CORES ● XENON & XLED

TIMESCO
INSTRUMENTS FOR LIFE



A green, fibre optic ISO 7376 fitting metal block.

Highly polished 4mm replaceable, glass fibre core for focused illumination. It has a one piece snap in/out fibre core for easy cleaning and replacement. No tools required.

The fibre core is positioned to offer the least obstructive view.



3 metal ball bearings for secure fitting.

Fully autoclaveable metal blade with an anti-glare satin finish. Covered by a 5 year guarantee or 4,000 autoclaves, whichever is sooner. See website for full terms and conditions.



Clear product information etched on the blade.

EXCEPTIONAL QUALITY

The Optima CLX laryngoscope blades belong to the industry leading Optima family of blades, exclusively available from Timesco. They are made from high grade stainless steel & incorporate an exceptional glass fibre optic replaceable core, allowing maximum light from Timesco Xenon or XLED laryngoscope handles

FULLY AUTOCLAVABLE

The Optima laryngoscope blades are fully autoclavable and available in Macintosh and Miller designs. These are the most popular designs and are only illustrated in this brochure.

FIVE YEAR GUARANTEE

The Optima laryngoscope blades are supplied with an extensive 5 year guarantee; our mark of quality that you can trust.

PRODUCT SPECIFICATION



Fully autoclavable
[I.C.001/9](#)



CE marked



Latex free



ISO 7376
compatible



Supplied with
multilingual
instructions
[IL010-6](#)

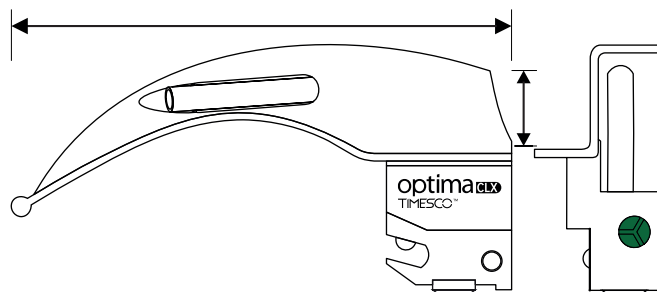


Compatible
blades are
colour coded



Extensive
guarantee

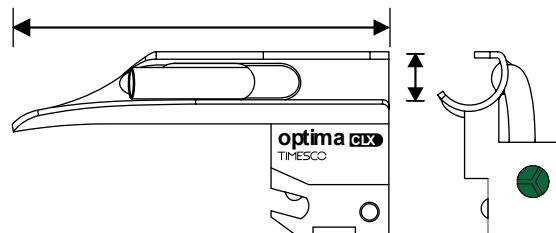
MACINTOSH



Product Code	Description	Measurements
2970.150.05	Optima CLX Macintosh Size 0	79mm x 15.5mm
2970.150.10	Optima CLX Macintosh Size 1	92mm x 22mm
2970.150.15	Optima CLX Macintosh Size 2	100mm x 21mm
2970.150.20	Optima CLX Macintosh Size 3	131mm x 23.5mm
2970.150.25	Optima CLX Macintosh Size 4	155mm x 25mm
2970.150.30	Optima CLX Macintosh Size 5	175mm x 25mm

Macintosh designs feature a curved blade, are inserted into the vallecula, epiglottis fold, and moved laterally to expose the laryngeal cavity and vocal cords. These are the most popular blades worldwide.

MILLER



Product Code	Description	Measurements
2970.185.02	Optima CLX Miller Size 000	60mm x 11.5mm
2970.185.03	Optima CLX Miller Size 00	66.5mm x 11.5mm
2970.185.05	Optima CLX Miller Size 0	77mm x 11.5mm
2970.185.10	Optima CLX Miller Size 1	101.5mm x 12mm
2970.185.15	Optima CLX Miller Size 2	153mm x 15mm
2970.185.20	Optima CLX Miller Size 3	197mm x 15mm
2970.185.25	Optima CLX Miller Size 4	205mm x 17mm

Miller designs feature a straight blade, are inserted over the epiglottis and moved laterally to expose the laryngeal cavity and vocal cords. The smaller sizes 000, 00, 0 and 1 are preferred by clinicians for paediatric and infant use.

Timesco produce a large variety of blades for specialities such as [Robert Shaw](#), [Seward](#), [Polio](#), Wisconsin, Foregger, etc and these can be manufactured on request. Designs in USA and German patterns are also available.

The Timesco Optima CLX Blades feature removable light guides, replacements for these are available.

Timesco Eclipse (tilting tip) blades, for difficult intubations are available in a separate brochure [B.L.041/1](#).

In this brochure, only our Optima CLX replaceable fibre optic light guide laryngoscope system is illustrated. We also manufacture the fixed core fibre optic system, [Sirius](#), the standard light system [Orion](#) and the single use disposable system [Callisto](#), details on all are available on separate brochures.

A polished metal collar reflects and directs light up towards the fibre core of the blade for maximum illumination.

Clear product branding with the product code and CE located on the opposite side to the Xenon logo. The LOT number is shown on the top of the handle.

Knurled handle design provides excellent grip.

Fully autoclaveable metal handle, covered by a 5 year guarantee or 4,000 autoclaves, whichever is sooner. See website for full terms and conditions.

Super-bright replaceable 2.5V Xenon bulb providing excellent, white illumination with a LUX output of 18,000. Bulbs provide up to 20 hours of use and a colour temperature of 2,900(k).

Colour coded band to clearly identify it is ISO 7376 fitting compatible with green fitting reusable and single use blades.

Powered by dry cell batteries or easily converted to a rechargeable handle by using the Timesco R Lithium Engines.

Secure screw cap for easy access to batteries.



XENON BULBS 2.5V

Product Code	Description
3000.900.20	Optima XL Bulbs Xenon 2.5V Box of 6
3000.900.21	Optima XI Bulb Xenon 2.5v Per

XENON HANDLES

Product Code	Description	
3000.350.05	Xenon Laryngoscope Handle, Small	146mm x 19mm
3000.350.10	Xenon Laryngoscope Handle, Medium	146mm x 29mm
3000.358.10	Xenon Laryngoscope Handle, Stubby	111mm x 32mm

A polished metal collar reflects and directs light up towards the fibre core of the blade for maximum illumination.

Clear product branding with the product code and CE located on the opposite side to the XLED logo. The LOT number is shown on the top of the handle.

Colour coded band to clearly identify it is ISO 7376 fitting compatible with green fitting reusable and single use blades.

Knurled handle design provides excellent grip.

Fully autoclavable metal handle (excluding lamp), covered by a 5 year guarantee or 4,000 autoclaves, whichever is sooner. See website for full terms and conditions.



RELIABLE ILLUMINATION...

Timesco's new and improved XLED laryngoscope handle is designed to outperform others and provide consistent, bright, reliable illumination when you need it most.

FLICKER FREE...

High performance and reliability from a clear, flicker free replaceable LED lamp. Intelligent electronics control the light intensity to be flicker free, even at low battery voltages.

BRIGHT LIGHT, EVERY TIME...

Improved specification gives a bright, controlled illumination at all times. The lux and colour temperature from the lamp is consistent throughout the lifespan of the lamp and the batteries.

NEW LAMP AT A GLANCE...

- Super-bright replaceable 3V LED lamp
- Flicker free, white illumination
- An exceptional lux output of 40,000 (at lamp)
- Long lasting and improved bulb life
- Colour temperature of 5,000(k)
- 3 x more lux output than other leading brands

Further details on the Optima XLED Handles are available in a separate Brochure: [B.L.040/1](#)



Small
2x AA



Medium
2x C



Stubby
2x AA



XLED BULBS

Product Code	Description
3000.950.20	XLED Laryngoscope Bulbs LED, Box of 6
3000.950.21	XLED Laryngoscope Bulb LED

XLED HANDLES

Product Code	Description	Measurements
3000.500.05	XLED Laryngoscope Handle, Small	146mm x 19mm
3000.500.10	XLED Laryngoscope Handle, Medium	146mm x 29mm
3000.508.10	XLED Laryngoscope Handle, Stubby	111mm x 32mm



TIMESCO ION-R RECHARGERS

Product Code	Description
3125.999.10	Timesco ION-R Charger (Single) Includes: Charger, power supply and both Timesco R inserts (AA and C)
3125.999.20	Timesco ION-R Charger (Dual) Includes: 2 x Chargers, 1 x power supply and 2 x each Timesco R inserts (AA and C)

Timesco ION-R Chargers are multi voltage and are supplied with accessories for operation worldwide. For more details see our [ION-R brochure \(L.L.060/1\)](#).



Only the Timesco R Engine is inserted into the charger.

Both the small and medium Timesco R Engines can be charged in the single and double chargers.

Timesco R Engines can be fully charged in less than 2 hours.

The colour changing LED indicates the health of the battery and the charging cycle.

Side plates can be removed to daisy chain 3 chargers together to receive power from a single power supply.

Once Timesco R Engines are fully charged the recharger will switch to a low power mode to avoid using unnecessary electricity.

TIMESCO R BATTERIES

Product Code	Description
• 3115.150.20	Timesco R Engine - Small (AA Size)
• 3115.150.50	Timesco R Engine Medium (C Size)

Only one battery required per handle. Timesco supply small and medium rechargeable batteries to help you create a rechargeable system. For more details see our [Timesco-R brochure \(L.L.060/1\)](#).



Timesco produce Optima CLX Laryngoscope sets in hard and soft cases. Listed are some of the popular sets, bespoke sets with customer contents are also available.

Optima CLX Sets in Hard durable Plastic cases with spare bulb.

Hard Cases supplied as appropriate to the contents of each set, example case shown only.

4092.985.70 OPTIMA CLX PAEDIATRIC SET Consisting of 1 Small XL Handle and 2 Optima CLX Blades (Miller Nos 0 & 1) In Hard Case

Product Code	Description
2970.185.05	Optima CLX Mac Blade No.2 and Mac 4
2970.185.10	Optima CLX Mac Blade No.3
3000.350.05	Xenon Laryngoscope Handle Medium (C) Fibre
3000.900.21	Optima XI Bulbs Xenon 2.5V
2905.890.48	Plastic Laryngoscope Case For 3 Mac Blades + 1 Handle

4092.975.80 OPTIMA CLX STANDARD SET Consisting of 1 Medium XL Handle and 3 Optima CLX Blades (Macintosh Nos 2, 3, & 4) In Hard Case

Product Code	Description
2970.185.05	Optima CLX Miller Blade No.0
2970.185.10	Optima CLX Miller Blade No.1
3000.350.05	Xenon Laryngoscope Handle Small (AA) Fibre
3000.900.21	Optima XI Bulbs Xenon 2.5v
2905.890.48	Plastic Laryngoscope Case For 2 Miller Blades + 1 Handle

4092.975.85 OPTIMA CLX STANDARD SET Consisting of 1 Medium XLED Handle and 3 Optima CLX Blades (Macintosh Nos 2, 3, & 4) In Hard Case

Product Code	Description
2970.150.15	Optima CLX Macintosh Blade No.2
2970.150.20	Optima CLX Macintosh Blade No.3
2970.150.25	Optima CLX Macintosh Blade No.4
3000.350.10	XLED Laryngoscope Handle Medium (C) Fibre
3000.900.21	Optima XI Bulbs XLED 2.5V
2905.890.30	Plastic Laryngoscope Case For 3 Macintosh Blades + 1 Handle

4092.989.95 OPTIMA COMBINATION SET Consisting of 2 XL Handles (1 X Medium, 1 X Small) and 5 Optima CLX Blades (Mac Nos 2, 3 & 4, Mill. Nos 0 & 1) In Hard Case

Product Code	Description
2970.150.15	Optima CLX Macintosh Blade No.2
2970.150.20	Optima CLX Macintosh Blade No.3
2970.150.25	Optima CLX Macintosh Blade No.4
2970.185.05	Optima CLX Miller Blade No.0
2970.185.10	Optima CLX Miller Blade No.1
3000.350.05	Xenon Laryngoscope Handle Small (AA) Fibre
3000.350.10	Xenon Laryngoscope Handle Medium (C) Fibre
3000.900.21	Optima XI Bulbs Xenon 2.5V
2905.890.75	Plastic Laryngoscope Case For 3 Mac & 2 Mill Blades + 2 Handles



OPTIMA CLX SETS IN SOFT LEATHERETTE ZIPPER CASES, POUCHES, WITH SPARE BULB.

Soft Leatherette zipper cases, pouches, supplied as appropriate to the contents of each set, example case shown only.

4091.985.70 OPTIMA CLX PAEDIATRIC SET Consisting of 1 Small XL Handle and 2 Optima CLX Blades (Miller Nos 0 & 1) In Pouch

Product Code	Description
2970.185.05	Optima CLX Miller Blade No.0
2970.185.10	Optima CLX Miller Blade No.1
3000.350.05	Xenon Laryngoscope Handle Small (AA) Fibre
3000.900.21	Optima XI Bulbs Xenon 2.5V
2905.998.20	Laryngoscope Set Pouch For 2 Blades + 1 Handle

4091.975.80 OPTIMA CLX STANDARD SET Consisting of 1 Medium XL Handle and 3 Optima CLX Blades (Macintosh Nos 2, 3, & 4) In Pouch

Product Code	Description
2970.150.15	Optima CLX Macintosh Blade No.2
2970.150.20	Optima CLX Macintosh Blade No.3
2970.150.25	Optima CLX Macintosh Blade No.4
3000.350.10	Xenon Laryngoscope Handle Medium (C) Fibre
3000.900.21	Optima XI Bulbs Xenon 2.5V
2905.998.30	Laryngoscope Set Pouch For 3 Blades + 1 Handle

4091.975.85 OPTIMA CLX STANDARD SET Consisting of 1 Medium XLED Handle and 3 Optima CLX Blades (Macintosh Nos 2, 3, & 4) In Pouch

Product Code	Description
2970.150.15	Optima CLX Macintosh Blade No.2
2970.150.20	Optima CLX Macintosh Blade No.3
2970.150.25	Optima CLX Macintosh Blade No.4
3000.500.10	XLED Laryngoscope Handle Medium (C) Fibre
3000.950.21	XLED Laryngoscope Bulb LED

4091.989.95 OPTIMA COMBINATION SET Consisting of 2 XL Handles (1 X Medium, 1 X Small) and 5 Optima CLX Blades (Mac Nos 2, 3 & 4, Mill. Nos 0 & 1) In Pouch

Product Code	Description
2970.150.15	Optima CLX Macintosh Blade No.2
2970.150.20	Optima CLX Macintosh Blade No.3
2970.150.25	Optima CLX Macintosh Blade No.4
2970.185.05	Optima CLX Miller Blade No.0
2970.185.10	Optima CLX Miller Blade No.1
3000.350.05	Xenon Laryngoscope Handle Small (AA) Fibre
3000.350.10	Xenon Laryngoscope Handle Medium (C) Fibre
3000.900.21	Optima XI Bulbs Xenon 2.5V
2905.998.70	Laryngoscope Set Pouch For 5 Blades + 2 Handles



OPTIMA CLX SETS IN SOFT LEATHERETTE ZIPPER CASES, POUCHES, WITH SPARE BULB.

4091.999.05 OPTIMA CLX S.1. ADULT & PAEDIATRIC SET, Consisting Of:
Medium XI Handle And 3 Optima CLX Macintosh: 2, 3, 4, and 0 Miller Blades In Pouch

Product Code	Description
2970.150.15	Optima CLX Macintosh Blade No.2
2970.150.20	Optima CLX Macintosh Blade No.3
2970.150.25	Optima CLX Macintosh Blade No.4
2970.185.05	Optima CLX Miller Blade No.0
3000.350.10	Xenon Laryngoscope Handle Medium (C) Fibre
3000.900.21	Optima XI Bulbs Xenon 2.5V
2905.998.40	Laryngoscope Set Pouches For 4 Blades + 1 Handle

4091.999.10 OPTIMA CLX S.2. PAEDIATRIC SET, Consisting Of:
Small XI Handle And 3 Optima CLX Miller 0, 1, 2, Blades In Pouch

Product Code	Description
2970.185.05	Optima CLX Macintosh Blade No.0
2970.185.10	Optima CLX Macintosh Blade No.1
2970.185.15	Optima CLX Macintosh Blade No.2
3000.350.05	Xenon Laryngoscope Handle Small (AA) Fibre
3000.900.21	Optima XI Bulbs Xenon 2.5V
2905.998.30	Laryngoscope Set Pouch For 3 Blades + 1 Handle

4091.999.15 OPTIMA CLX S.3. ADULT & INFANT SET, Consisting Of:
Medium XI Handle And 2 Optima CLX Macintosh 1, 4 and Miller 0 Blades In Pouch.

Product Code	Description
2970.150.10	Optima CLX Macintosh Blade No.1
2970.150.25	Optima CLX Macintosh Blade No.4
2970.185.05	Optima CLX Miller Blade No.0
3000.350.10	Xenon Laryngoscope Handle Medium (C) Fibre
3000.900.21	Optima XI Bulbs Xenon 2.5V
2905.998.30	Laryngoscope Set Pouch For 3 Blades + 1 Handle

4091.999.20 OPTIMA CLX S.4. ADULT SET, Consisting Of:
Xled Handle And Optma CLX Macintosh 0, 1, 2, 3, 4 Blades In Pouch

Product Code	Description
2970.150.05	Optima CLX Macintosh Blade No.0
2970.150.10	Optima CLX Macintosh Blade No.1
2970.150.15	Optima CLX Macintosh Blade No.2
2970.150.20	Optima CLX Macintosh Blade No.3
2970.150.25	Optima CLX Macintosh Blade No.4
3000.500.10	XLED Laryngoscope Handle Medium (C) Fibre
2905.998.50	Laryngoscope Set Pouch For 5 Blades + 1 Handle

Product Code	Description	Dimensions
OPTIMA CLX MACINTOSH LARYNGOSCOPE BLADES		
2970.150.05	Optima CLX Macintosh Size 0	79mm x 15.5mm
2970.150.10	Optima CLX Macintosh Size 1	92mm x 22mm
2970.150.15	Optima CLX Macintosh Size 2	100mm x 21mm
2970.150.20	Optima CLX Macintosh Size 3	131mm x 23.5mm
2970.150.25	Optima CLX Macintosh Size 4	155mm x 25mm
2970.150.30	Optima CLX Macintosh Size 5	175mm x 25mm
OPTIMA CLX MILLER LARYNGOSCOPE BLADES		
2970.185.02	Optima CLX Miller Size 000	60mm x 11.5mm
2970.185.03	Optima CLX Miller Size 00	66.5mm x 11.5mm
2970.185.05	Optima CLX Miller Size 0	77mm x 11.5mm
2970.185.10	Optima CLX Miller Size 1	101.5mm x 12mm
2970.185.15	Optima CLX Miller Size 2	153mm x 15mm
2970.185.20	Optima CLX Miller Size 3	197mm x 15mm
2970.185.25	Optima CLX Miller Size 4	205mm x 17mm
XENON LARYNGOSCOPE HANDLES		
3000.350.05	Xenon Laryngoscope Handle, Small	146mm x 19mm
3000.350.10	Xenon Laryngoscope Handle, Medium	146mm x 29mm
3000.358.10	Xenon Laryngoscope Handle, Stubby	111mm x 32mm
XLED LARYNGOSCOPE HANDLES		
3000.500.05	XLED Laryngoscope Handle, Small	146mm x 19mm
3000.500.10	XLED Laryngoscope Handle, Medium	146mm x 29mm
3000.508.10	XLED Laryngoscope Handle, Stubby	111mm x 32mm
OPTIMA XL BULBS XENON		
3000.900.20	Optima XL Bulbs Xenon 2.5V	Box of 6
3000.900.21	Optima XI Bulb Xenon 2.5V	PER
OPTIMA XLED BULBS LED		
3000.950.20	XLED Laryngoscope Bulbs LED	Box of 6
3000.950.21	XLED Laryngoscope Bulb LED	PER
TIMESCO BATTERIES		
3115.150.20	Timesco R Engine Small (AA Size)	Small (AA Size)
3115.150.50	Timesco R Engine Medium (C Size)	Medium (C Size)
TIMESCO ION-R CHARGER		
3125.999.10	Timesco ION-R Charger (Single) Includes: Charger, power supply and both Timesco R inserts (AA and C)	
3125.999.20	Timesco ION-R Charger (Dual) Includes: 2 x Chargers, 1 x power supply and 2 x each Timesco R inserts	

LARYNGOSCOPE SETS

OPTIMA CLX LARYNGOSCOPE SETS IN HARD CASES

4092.985.70	Optima CLX Paediatric Set Consisting of 1 Small XL Handle and 2 Optima CLX Blades (Miller Nos 0 & 1) In Hard Case
4092.975.80	Optima CLX Standard Set Consisting of 1 Medium XL Handle and 3 Optima CLX Blades (Macintosh Nos 2, 3, & 4) In Hard Case
4092.975.85	Optima CLX Standard Set Consisting of 1 Medium XLED Handle and 3 Optima CLX Blades (Macintosh Nos 2, 3, & 4) In Hard Case
4092.989.95	Optima Combination Set Consisting of 2 XL Handles (1 X Medium, 1 X Small) and 5 Optima CLX Blades (Macintosh Nos 2, 3 & 4, Miller. Nos 0 & 1) In Hard Case

OPTIMA CLX LARYNGOSCOPE SETS IN SOFT LEATHERETTE ZIPPER CASES, POUCHES

4091.985.70	Optima CLX Paediatric Set Consisting of 1 Small XL Handle and 2 Optima CLX Blades (Miller Nos 0 & 1) In Pouch
4091.975.80	Optima CLX Standard Set Consisting of 1 Medium XL Handle and 3 Optima CLX Blades (Macintosh Nos 2, 3, & 4) In Pouch
4091.975.85	Optima CLX Standard Set Consisting of 1 Medium XLED Handle and 3 Optima CLX Blades (Macintosh Nos 2, 3, & 4) In Pouch
4091.989.95	Optima Combination Set Consisting of 2 XL Handles (1 X Medium, 1 X Small) and 5 Optima CLX Blades (Macintosh Nos 2, 3 & 4, Miller. Nos 0 & 1) In Pouch

OPTIMA CLX LARYNGOSCOPE SETS, SPECIAL, IN SOFT LEATHERETTE ZIPPER CASES, POUCHES

4091.999.05	Optima CLX S.1. Adult & Paediatric Set Consisting Of: Medium XL Handle and 3 Optima CLX Macintosh: 2, 3, 4 and Miller 0 Blades In Pouch
4091.999.10	Optima CLX S.2. Paediatric Set Consisting Of: Small XL Handle and 3 Optima CLX Miller 0, 1, 2 Blades In Pouch
4091.999.15	Optima CLX S.3. Adult & Infant Set Consisting Of: Medium XL Handle and 2 Optima CLX Macintosh 1, 4 and Miller 0 Blades In Pouch
4091.999.20	Optima CLX S.4. Adult Set Consisting Of: XLED Handle and Optima CLX Macintosh 0, 1, 2, 3 & 4 Blades In Pouch

Contact Us

find out more today

For over 55 years' Timesco have been at the forefront of Medical product design and innovation. As a manufacturer and supplier of laryngoscope products, we have an unrivalled portfolio supplying both the UK directly and internationally through distributors.

As a family owned business, with headquarters in Basildon England, we strive to deliver products made to an exceptionally high standard; exceeding internationally recognised quality standards and customer expectations. We are recognised as one the most progressive and innovative companies within the industry and have a dedicated product development team which focuses on the changing needs of our clients and advances in clinical practice.

Contact Timesco today for further information or to request product samples.

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ISO 13485



CE 1639



FDA Manufacturers
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SFDA
CHINA



Ministry of Health
Ministry of Health

Classification: TIMESCO products are classified under the Harmonised Tariff: 90-1890-8400.

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TIMESCO
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