

PROACT LARYNGOSCOPES

25 Years of World Class Quality and Experience



METAL MAX™

Smoothline™

Hydra II™

METAL MAX™
COMBI

PROACT MRI™



CONVENTIONAL

GREEN SYSTEM

COMBI™

MRI

PROACT
LARYNGOSCOPES

Choosing your PROACT Laryngoscope System

At PROACT we manufacture a wide range of high quality ISO 7376 Compliant Laryngoscopes. These are available in 3 key systems; Green System, Conventional and Combi. Here are some key features to help you identify and decide which system is right for you.



GREEN SYSTEM (GS)
Indirect LED
Light Source

Marked Green for
Green System Fibre
Optic

Shilded Fibre
Optic Light
Guide

LED Light
Source in
the Handle

Pages 2-6





CONVENTIONAL SYSTEM (CV)
Direct LED
Light Source

PROACT uses
Yellow to indicate
Conventional
System

LED integrated
into the blade

Electrical
Contact
Between Blade
and Handle

Pages 7-10



COMBI SYSTEM (CB)
Direct LED
Light Source



Non-user detachable
hinged blade and handle

LED integrated
into the blade

Pre-Installed
6V Batteries

Page 11

Packaging
allows for
fully
functional
Pre-Use
"Test in Bag"



Metal Max GS90

Compatible with all ISO 7376 Compliant Green System Handles.

Supplied in easy open colour coded sachets

Disposable 90% Metal Construction with Green System Fitting

- Compatible with all ISO 7376: 2020 Compliant Fibre Optic Green System handles
- Laser welded surgical stainless steel runs through the hook, providing superior strength
- Atraumatic tip and fully formed blade profile with no sharp edges
- Anti-glare, satin finish stainless steel
- Full length ET Tube guide surface
- Shielded optics for correctly focused light output
- Supplied in easy to open, colour coded sachets
- Cardiff Pro blades are a straight paediatric blade with a 5 degree downward angled guide surface (upward angled by 5 degrees when in use) and a flat atraumatic tip to enable easier tongue control
- Tested to exceed the ISO 7376: 2020 standard of withstanding 150N (15kg) of force on the tip. Our blades are tested up to 200N (20kg)
- Latex free







Laser Welded Stainless Steel

Our Metal Max™ 90 Range offers an economical Laryngoscope blade without compromising quality.


Utilising the strength of laser welded stainless steel through the hook on area. The Metal Max™ 90 Laryngoscope Blade ensures premium quality at a lower cost.



All the following are supplied as boxes of 10							
Part No. Box of 10	NPC Code	Blade Design	Blade Size	ISO 7376 Intended Patient Use	Length (mm)	Width (mm)	
MMGS90MAC0	FSM3977	Macintosh	0	Neonate	61.0	8.5	
MMGS90MAC1	FSM729	Macintosh	1	Small Child	75.0	11.5	
MMGS90MAC2	FSM089	Macintosh	2	Child	93.0	12.5	
MMGS90MAC3	FSM090	Macintosh	3	Adult	110.0	13.5	
MMGS90MAC4	FSM091	Macintosh	4	Large Adult	135.0	14.0	
MMGS90MAC5	FSM3978	Macintosh	5	Extra Large Adult	156.0	14.0	
MMGS90MIL00	FSM3758	Miller	00	Premature Infant	44.0	10.5	
MMGS90MIL0	FSM146	Miller	0	Neonate	55.0	10.5	
MMGS90MIL1	FSM092	Miller	1	Small Child	81.0	10.5	
MMGS90MIL2	FSM3726	Miller	2	Child	131.0	13.0	
MMGS90MIL3	FSM3982	Miller	3	Adult	171.0	13.0	
MMGS90MIL4	FSM3983	Miller	4	Large Adult	182.0	17.0	
MMGS90CP00	FSM3990	Cardiff Pro	00	Premature Infant	55.0	8.0	
MMGS90CP0	FSM4109	Cardiff Pro	0	Neonate	71.0	9.0	
MMGS90CP1	FSM3994	Cardiff Pro	1	Small Child	77.0	10.0	

Part No. Box of 10	NPC Code	Blade Design	Blade Size	ISO 7376 Intended Patient Use	Length (mm)	Width (mm)	
MMGS90LT2	FSM3981	Lever Tip	2	Child	93.0	12.5	
MMGS90LT3	FSM3698	Lever Tip	3	Adult	110.0	13.5	
MMGS90LT4	FSM3759	Lever Tip	4	Large Adult	135.0	14.0	





Lever Tip
Atraumatic Pivot Design

Optimised atraumatic pivot design with minimal spring pressure and fully softened edges prevent tissue pinching and enhances feel at the tip

Metal Max GS Speciality Range

Compatible with all ISO 7376 Compliant Green System Handles.

Supplied in easy open colour coded sachets

Disposable with Green System Fitting

- Compatible with all ISO 7376: 2020 Compliant Fibre Optic Green System handles
- Full surgical stainless steel construction providing ultimate strength
- Atraumatic tip and fully formed blade profile with no sharp edges
- Anti-glare, satin finish stainless steel
- Full length ET Tube guide surface
- Triple sprung ball bearings ensure a secure fit to the handle
- Shielded optics for correctly focused light output
- Supplied in easy to open, colour coded sachets
- Tested to exceed the ISO 7376: 2020 standard of withstanding 150N (15kg) of force on the tip. Our blades are tested up to 200N (20kg)
- Latex free



Speciality Range

Our aim is to offer a full and complete range of Laryngoscopes in a variety of different sizes and specifications.

We are confident that our range is the most versatile available on the market. Contact us to discuss your requirements.

Left Handed MAC 3



All the following are supplied in boxes of 10						
Part No. Box of 10	NPC Code	Description	Blade Size	ISO 7376 Intended Patient Use	Length (mm)	Width (mm)
MMGS100MAC0	FSM3694	Macintosh	0	Neonate	61.0	8.5
MMGS100MAC1	FSM3949	Macintosh	1	Small Child	75.0	11.5
MMGS100MAC2	FSM089	Macintosh	2	Child	93.0	12.5
MMGS100MAC3	FSM090	Macintosh	3	Adult	110.0	13.5
MMGS100MAC4	FSM091	Macintosh	4	Large Adult	135.0	14.0
MMGS100MAC5	FSM3978	Macintosh	5	Extra Large Adult	156.0	14.0
MMGS100MIL00	FSM3758	Miller	00	Premature Infant	44.0	10.5
MMGS100MIL0	FSM146	Miller	0	Neonate	55.0	10.5
MMGS100MIL1	FSM092	Miller	1	Small Child	81.0	10.5
MMGS100MIL2	FSM3726	Miller	2	Child	131.0	13.0
MMGS100MIL3	FSM3982	Miller	3	Adult	171.0	13.0
MMGS100MIL4	FSM3983	Miller	4	Large Adult	182.0	17.0
MMGS100CP00	FSM3693	Cardiff Pro	00	Premature Infant	55.0	8.0
MMGS100CP0	FSM3692	Cardiff Pro	0	Neonate	71.0	9.0
MMGS100CP1	FSM4123	Cardiff Pro	1	Small Child	77.0	10.0

Part No. Box of 10	NPC Code	Description	Blade Size	ISO 7376 Intended Patient Use	Length (mm)	Width (mm)
MMGS100LT3	FSM3755	Lever Tip	3	Adult	110.0	13.5
MMGS100LT4	FSM3742	Lever Tip	4	Large Adult	135.0	14.0

All the following are supplied in boxes of 10						
Part No. Box of 10	NPC Code	Blade Design	Blade Size	ISO 7376 Intended Patient Use	Length (mm)	Width (mm)
MMGS100LH3	FSM3979	Left Handed Macintosh	3	Adult	110.0	13.5
MMGS100LH4	FSM3812	Left Handed Macintosh	4	Large Adult	135.0	14.0
MMGS100MAG0	FSM3998	Magill	0	Neonate	76.0	10.0
MMGS100MAG1	FSM4002	Magill	1	Small Child	84.0	12.0
MMGS100POL3	FSM3757	Macintosh Polio	3	Adult	112.0	12.5
MMGS100POL4	FSM3980	Macintosh Polio	4	Large Adult	138.0	13.5
MMGS90PHI1	---	Phillips	1	Small Child	94.0	10.0
MMGS90PHI2	---	Phillips	2	Child	145.0	12.0
MMGS90RS0	FSM3984	Robertshaw	0	Neonate	72.0	9.0
MMGS90RS1	FSM3985	Robertshaw	1	Small Child	90.5	9.5
MMGS90SEW1	FSM3797	Seward	1	Small Child	84.0	9.0
MMGS90SEW2	FSM3986	Seward	2	Child	108.0	12.5
MMGS90WIE4	---	Wiemers	4	Large Adult	128.0	15.0
MMGS90WIS0	FSM4005	Wisconsin	0	Neonate	71.0	12.5
MMGS90WIS1	FSM4007	Wisconsin	1	Small Child	89.0	12.5
MMGS90WIS2	FSM3754	Wisconsin	2	Child	110.0	12.5

Metal Max⁺ GS Handles

Compatible with all ISO 7376 Compliant Green System Blades.

Supplied in easy open colour coded sachets

Disposable with Green System Fitting

- Compatible with all ISO 7376 Fibre Optic Green System blades
- Super bright LED output from the pre-loaded 6V battery pack
- Quick and easy battery removal at end of life ensures ease of disposal
- Full metal handle with grooves offering a secure grip
- Colour coded end cap to identify as Green System
- Lighter than the equivalent handle with C batteries
- Available in Adult, Paediatric and Stubby sizes
- Supplied in colour coded sachets that allow for battery / LED testing in bag
- Latex free

All the following are supplied in boxes of 10

Part No. Box of 10	NPC Code	Description	Length x Diameter (mm)
MMGSHB01	FSM1768	Adult	140.0 x 29.0
MMGSHB02	FSM1769	Paediatric	140.0 x 21.0
MMGSHB03	FSM3416	Stubby	110.0 x 29.0
Part No.	NPC Code	Description	Length x Diameter (mm)
MMGSH001	FSM1697	Adult (exc. batteries)	140.0 x 29.0
MMGSH002	FSM2601	Paediatric (exc. batteries)	140.0 x 21.0



Easy Removal

Easy to remove 6V battery system.



HPC Plastic Disposable Blades

Compatible with all ISO 7376 Compliant Green System Handles.

Supplied in easy open colour coded sachets

Disposable with Green System Fitting

- Compatible with all ISO 7376 Fibre Optic Green System handles
- Strong Polycarbonate material resists breaking, bending & twisting
- Atraumatic tip and fully formed blade profile with no sharp edges
- Full length ET Tube guide surface
- Shielded optics for light output focused where its required
- Supplied in easy to open, colour coded sachets
- Our most cost-effective choice
- Latex free



All the following are supplied in boxes of 10

Part No. Box of 10	NPC Code	Blade Design	Blade Size	ISO 7376 Intended Patient Use	Length (mm)	Width (mm)
HPCMAC1	FSM1813	Macintosh	1	Small Child	70.0	10.0
HPCMAC2	FSM156	Macintosh	2	Child	90.0	12.0
HPCMAC3	FSM157	Macintosh	3	Adult	110.0	15.0
HPCMAC4	FSM158	Macintosh	4	Large Adult	133.0	15.0
HPCMAC5	---	Macintosh	5	Extra Large Adult	156.0	14.0
HPCMIL00	FSM1815	Miller	00	Premature Infant	43.0	11.5
HPCMIL0	FSM3278	Miller	0	Neonate	56.0	11.5
HPCMIL1	FSM160	Miller	1	Small Child	80.0	11.5
HPCMIL2	FSM161	Miller	2	Child	133.0	13.5
HPCMIL3	---	Miller	3	Adult	171.0	13.0
HPCMIL4	---	Miller	4	Large Adult	182.0	17.0



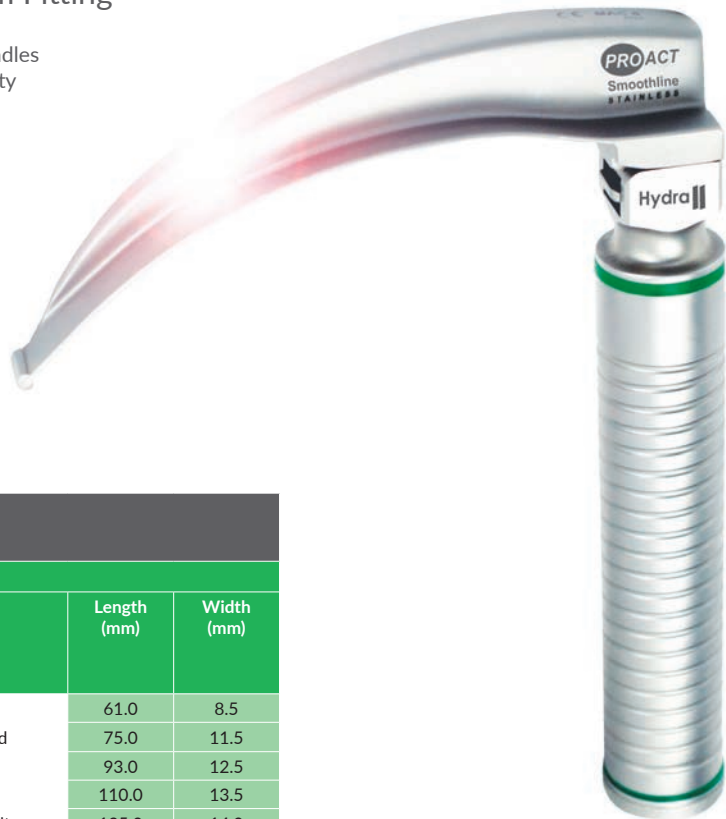
Smoothline Reusable GS Blades

Compatible with all ISO 7376 Compliant Green System Handles.

Supplied in individual serial numbered boxes with QR code

Reusable, Autoclavable with Green System Fitting

- Compatible with all ISO 7376 Fibre Optic Green System handles
- Individually serial numbered to enable sterilisation traceability via QR code and alpha numeric serial numbers
- Fully Autoclavable up to 4000 cycles and Washer / Disinfector compatible
- Smooth, sleek design to allow easy and effective cleaning
- Premium shielded glass fibre optics for light output focused where it's required
- Full surgical stainless steel construction providing ultimate durability
- Atraumatic tip and fully formed blade profile with no sharp edges
- Full length ET Tube guide surface
- 5-year / 4000 autoclave cycle conditional warranty. See IFU or website for details.
- Latex free



SATIN SURFACE FINISH

Non-reflective satin finish to the stainless steel blade

All the following are supplied single

Part No. Satin Finish	NPC Code	Blade Design	Blade Size	ISO 7376 Intended Patient Use	Length (mm)	Width (mm)
H9020	FSM3971	Macintosh	0	Neonate	61.0	8.5
H9021	FSM3972	Macintosh	1	Small Child	75.0	11.5
H9022	FSM2568	Macintosh	2	Child	93.0	12.5
H9023	FSM2569	Macintosh	3	Adult	110.0	13.5
H9024	FSM2570	Macintosh	4	Large Adult	135.0	14.0
H9025	FSM2571	Macintosh	5	Extra Large Adult	156.0	14.0
H9029	FSM2572	Miller	00	Premature Infant	44.0	10.5
H9030	FSM2573	Miller	0	Neonate	55.0	10.5
H9031	FSM3973	Miller	1	Small Child	81.0	10.5
H9032	FSM3974	Miller	2	Child	131.0	13.0
H9033	FSM3975	Miller	3	Adult	171.0	13.0
H9034	FSM3976	Miller	4	Large Adult	182.0	17.0

LOW FRICTION SURFACE FINISH

Non-reflective smooth plated finish to the stainless steel blade

All the following are supplied single

Part No. LF (Low Friction)	NPC Code	Blade Design	Blade Size	ISO 7376 Intended Patient Use	Length (mm)	Width (mm)
SLGS30MAC0	---	Macintosh	0	Neonate	61.0	8.5
SLGS30MAC1	---	Macintosh	1	Small Child	75.0	11.5
SLGS30MAC2	---	Macintosh	2	Child	93.0	12.5
SLGS30MAC3	---	Macintosh	3	Adult	110.0	13.5
SLGS30MAC4	---	Macintosh	4	Large Adult	135.0	14.0
SLGS30MAC5	---	Macintosh	5	Extra Large Adult	156.0	14.0
SLGS30MIL00	---	Miller	00	Premature Infant	44.0	10.5
SLGS30MILO	---	Miller	0	Neonate	55.0	10.5
SLGS30MIL1	---	Miller	1	Small Child	81.0	10.5
SLGS30MIL2	---	Miller	2	Child	131.0	13.0
SLGS30MIL3	---	Miller	3	Adult	171.0	13.0
SLGS30MIL4	---	Miller	4	Large Adult	182.0	17.0
SLGS30LT3	---	Lever Tip	3	Adult	110.0	13.5
SLGS30LT4	---	Lever Tip	4	Large Adult	135.0	14.0



SLGS30MILO



QR Codes

Machine readable and alpha-numeric serial number information to aid traceability

Hydra II Reusable GS Handles

Compatible with all ISO 7376 Compliant Green System Blades.

Supplied in easy open colour coded Sachets

Reusable, Autoclavable with Green System Fitting

- Compatible with all ISO 7376 Fibre Optic Green System blades
- Waterproof and fully autoclavable up to 4000 cycles and Washer / Disinfector compatible (after removal of LED module and batteries)
- Individually serial numbered to enable sterilisation traceability
- QR Code and alpha numeric for serial number scanning capability
- Surgical stainless steel grip and head for maximum wear resistance
- Spiral finish for a secure grip and easy cleaning
- Available in Adult, Paediatric & Stubby sizes, Standard and Non-contact variants
- Requires standard batteries; x2 C Cell for Adult and x2 AA for Paediatric / Stubby
- 5-year / 4000 autoclave cycle conditional warranty. See IFU or website for details
- Latex free



Simple disassembly for cleaning and sterilisation



SUPER BRIGHT LED
150% BRIGHTER
THAN PREVIOUS GENERATION

All the following are supplied single

Part No.	NPC Code	Description	Length x Diameter (mm)
HYGSH201	FSM4443	Adult	157.0 x 29.0
HYGSH202	FSM4444	Paediatric	157.0 x 21.0
HYGSH203	FSM4445	Stubby	127.0 x 33.0

Part No.		Description	Length x Diameter (mm)
HYGSH291	---	Adult (Non-Contact)	157.0 x 29.0
HYGSH292	---	Paediatric (Non-Contact)	157.0 x 21.0
HYGSH293	---	Stubby (Non-Contact)	127.0 x 33.0

HYSP201 Replacement LED Module for HYDRA II GS Handles ONLY



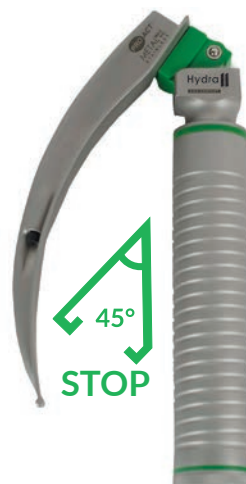
QR Codes
Machine readable and alpha-numeric serial number information to aid traceability.

Non-Contact Version

The blade stops at an angle of approx 45° to the handle to prevent direct transfer of material from the used disposable blade to the reusable handle thereby assisting infection control.

PLEASE NOTE: PROACT™ Blades are tested for full compatibility with Hydra™ Non Contact Handles. Most other manufacturers blades may fit and operate correctly, but it is the user's responsibility to ensure that this is the case.

We would always recommend using PROACT™ Blades and Handles together to ensure correct fitting and operation.



Metal Max CV90

Compatible with all ISO 7376 Compliant Conventional Handles.

Supplied in individual colour coded boxes

Disposable with Conventional Fitting

- Compatible with all ISO 7376: 2020 Compliant Conventional fitting handles
- Laser welded surgical stainless steel runs through the hook, proving superior strength
- Focused, homogenous light pattern
- Atraumatic tip and fully formed blade profile with no sharp edges
- Anti-glare, satin finish stainless steel
- Full length ET Tube guide surface
- Supplied in easy to open, colour coded sachets
- Cardiff Pro blades are a straight paediatric blade with a 5 degree downward angled guide surface (upward angled by 5 degrees when in use) and a flat atraumatic tip to ensure easier tongue control
- Tested to exceed the ISO 7376: 2020 standard of withstanding 150N (15kg) of force on the tip. Our blades are tested up to 200N (20kg)
- Latex free



Welded Stainless Steel

Our Metal MaxTM 90 Range offers an economical Laryngoscope blade without compromising quality.

Utilising laser welded stainless steel through the hook on area the Metal MaxTM 90 Laryngoscope blade ensures premium quality at a lower cost.



All the following are supplied in boxes of 10

Part No. Box of 10	NPC Code	Blade Design	Blade Size	ISO 7376 Intended Patient Use	Length (mm)	Width (mm)
MMCV90MAC0	FSM3960	Macintosh	0	Neonate	61.0	8.5
MMCV90MAC1	FSM1706	Macintosh	1	Small Child	75.0	11.5
MMCV90MAC2	FSM098	Macintosh	2	Child	93.0	12.5
MMCV90MAC3	FSM099	Macintosh	3	Adult	110.0	13.5
MMCV90MAC4	FSM100	Macintosh	4	Large Adult	135.0	14.0
MMCV90MAC5	FSM3961	Macintosh	5	Extra Large Adult	156.0	14.0
MMCV90MIL00	FSM1265	Miller	00	Premature Infant	44.0	10.5
MMCV90MIL0	FSM144	Miller	0	Neonate	55.0	10.5
MMCV90MIL1	FSM101	Miller	1	Small Child	81.0	10.5
MMCV90MIL2	FSM102	Miller	2	Child	131.0	13.0
MMCV90MIL3	FSM3964	Miller	3	Adult	171.0	13.0
MMCV90MIL4	---	Miller	4	Large Adult	182.0	17.0
MMCV90CP00	FSM3968	Cardiff Pro	00	Premature Infant	55.0	8.0
MMCV90CP0	FSM3967	Cardiff Pro	0	Neonate	71.0	9.0
MMCV90CP1	FSM3969	Cardiff Pro	1	Small Child	77.0	10.0

Part No. Box of 10	NPC Code	Blade Design	Blade Size	ISO 7376 Intended Patient Use	Length (mm)	Width (mm)
MMCV90LT2	FSM1770	Lever Tip	2	Child	93.0	12.5
MMCV90LT3	FSM1771	Lever Tip	3	Adult	110.0	13.5
MMCV90LT4	FSM1772	Lever Tip	4	Large Adult	135.0	14.0



Lever Tip Atraumatic Pivot Design

Optimised atraumatic pivot design with minimal spring pressure and fully softened edges prevent tissue pinching and enhances feel at the tip

Metal Max CV Speciality

Compatible with all ISO 7376 Compliant Conventional Handles.

Supplied in individual colour coded boxes

Disposable 100% Metal with Conventional Fitting

- Compatible with all ISO 7376:2020 Compliant Conventional fitting handles
- Full surgical stainless steel construction providing ultimate strength
- Super bright LED output with focused, homogenous light pattern
- Atraumatic tip and fully formed blade profile with no sharp edges
- Anti-glare, satin finish stainless steel
- Full length ET Tube guide surface
- Supplied in easy to open, colour coded sachets
- Tested to exceed the ISO 7376:2020 standard of withstanding 150N (15kg) of force on the tip. Our blades are tested up to 200N (20kg)
- Latex free



All the following are supplied in boxes of 10

Part No. Box of 10	NPC Code	Blade Design	Blade Size	ISO 7376 Intended Patient Use	Length (mm)	Width (mm)
MMCV100MAC0	FSM3725	Macintosh	0	Neonate	61.0	8.5
MMCV100MAC1	FSM3686	Macintosh	1	Small Child	75.0	11.5
MMCV100MAC2	FSM3677	Macintosh	2	Child	93.0	12.5
MMCV100MAC3	FSM3687	Macintosh	3	Adult	110.0	13.5
MMCV100MAC4	FSM3688	Macintosh	4	Large Adult	135.0	14.0
MMCV100MAC5	FSM4102	Macintosh	5	Extra Large Adult	156.0	14.0
MMCV100MIL00	FSM3690	Miller	00	Premature Infant	44.0	10.5
MMCV100MIL0	FSM3689	Miller	0	Neonate	55.0	10.5
MMCV100MIL1	FSM3691	Miller	1	Small Child	81.0	10.5
MMCV100MIL2	FSM4105	Miller	2	Child	131.0	13.0
MMCV100MIL3	FSM4106	Miller	3	Adult	171.0	13.0
MMCV100MIL4	FSM4107	Miller	4	Large Adult	182.0	17.0
MMVC100CP00	FSM3684	Cardiff Pro	00	Premature Infant	55.0	8.0
MMCV100CP0	FSM3683	Cardiff Pro	0	Neonate	71.0	9.0
MMCV100CP1	FSM3684	Cardiff Pro	1	Small Child	77.0	10.0

Part No. Box of 10	NPC Code	Description	Blade Size	ISO 7376 Intended Patient Use	Length (mm)	Width (mm)
MMCV100LT3	FSM4108	Lever Tip	3	Adult	110.0	13.5
MMCV100LT4	FSM3685	Lever Tip	4	Large Adult	135.0	14.0

All the following are supplied in boxes of 10

Part No. Box of 10	NPC Code	Blade Design	Blade Size	ISO 7376 Intended Patient Use	Length (mm)	Width (mm)
MMCV100LH3	FSM3753	Left Handed Macintosh	3	Adult	110.0	13.5
MMCV100LH4	FSM3962	Left Handed Macintosh	4	Large Adult	135.0	14.0
MMCV100MAG0	FSM3911	Magill	0	Neonate	76.0	10.0
MMCV100MAG1	FSM4023	Magill	1	Small Child	84.0	12.0
MMCV100POL3	FSM3756	Macintosh Polio	3	Adult	112.0	12.5
MMCV100POL4	FSM3963	Macintosh Polio	4	Large Adult	138.0	13.5
MMCV90PHI1	---	Phillips	1	Small Child	94.0	10.0
MMCV90PHI2	---	Phillips	2	Child	145.0	12.0
MMCV90RS0	FSM3965	Robertshaw	0	Neonate	72.0	9.0
MMCV90RS1	FSM3966	Robertshaw	1	Small Child	90.5	9.5
MMCV90SEW1	FSM3794	Seward	1	Small Child	84.0	9.0
MMCV90SEW2	FSM3912	Seward	2	Child	108.0	12.5
MMCV90WIS0	FSM3913	Wisconsin	0	Neonate	71.0	12.5
MMCV90WIS1	FSM3970	Wisconsin	1	Small Child	89.0	12.5
MMCV90WIS2	FSM3818	Wisconsin	2	Child	110.0	12.5



Polio



Robertshaw

Metal Max⁺ 6V CV Handles

WARNING: ONLY for use with PROACT™ Metal Max CV90 & CV100 Laryngoscope Blades which are designed to handle 6V power without damage.

Supplied in individual colour coded boxes

Disposable with a Conventional Fitting

- Designed for use with PROACT Metal Max™ Conventional blades only
- Supplied with pre-loaded 6V Battery Pack
- Fast and easy battery removal at end of life ensures ease of disposal
- Full metal handle with grooves for excellent grip
- Lighter than the equivalent handle with C batteries
- Available in Adult, Paediatric and Stubby sizes
- Colour coded end cap to identify as conventional system
- Supplied in easy to open, colour coded sachets
- Latex free

All the following are supplied in boxes of 10

Part No. Box of 10	NPC Code	Description	Length x Diameter (mm)
MMCVHB01	FSM1293	Adult	140.0 x 29.0
MMCVHB02	FSM1737	Paediatric	140.0 x 21.0
MMCVHB03	FSM2600	Stubby	110.0 x 29.0

Part No. Box of 10	NPC Code	Description	Length x Diameter (mm)
MMCVH001	FSM164	Adult (exc. batteries)	140.0 x 29.0
MMCVH002	FSM165	Paediatric (exc. batteries)	140.0 x 21.0



Easy remove
Easy to remove 6V battery system.





Hydra Reusable CV Handles

Compatible with all ISO 7376 Compliant Conventional Blades.
Supplied in individual colour coded boxes

Reusable, Autoclavable with Conventional Fitting

- 5 Year / 4000 autoclave cycle conditional warranty. See IFU or website for details
- Hydra™ handles are waterproof and fully autoclavable
- Washer Disinfector compatible
- Made from surgical stainless steel AISI Type 304
- Comfort spiral finish for secure grip and ease of cleaning
- Adult handles require 2 x C cell batteries
- Paediatric and Stubby handles require 2 x AA cell batteries
- Available as standard handle or non-contact handle
- Handles are individually serial numbered with QR Code and alpha numeric to enable patient and sterilisation traceability
- Latex free

All the following are supplied single			
Part No.	NPC Code	Description	Length x Diameter (mm)
HYCVH001	FSM070	Adult	157.0 x 29.0
HYCVH002	FSM3681	Paediatric	157.0 x 21.0
HYCVH003	FSM2596	Stubby	127.0 x 33.0

Part No.		Description	Length x Diameter (mm)
HYCVHNC1	FSM4520	Adult (Non-Contact)	157.0 x 29.0
HYCVHNC2	FSM4521	Paediatric (Non-Contact)	157.0 x 21.0
HYCVHNC3	FSM4522	Stubby (Non-Contact)	127.0 x 33.0

QR Codes
Machine readable and alpha-numeric serial number information to aid traceability.

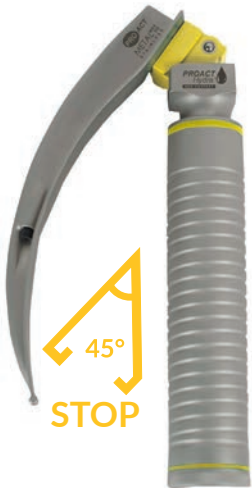


Non-Contact Version

The blade stops at an angle of approx 45° to the handle to prevent direct transfer of material from the used disposable blade to the reusable handle thereby assisting infection control.

PLEASE NOTE: PROACT™ blades are tested for full compatibility with Hydra™ Non Contact Handles. Most other manufacturers blades may fit and operate correctly, but it is the users responsibility to ensure that this is the case.

We would always recommend using PROACT™ Blades and Handles together to ensure correct fitting and operation.



Metal Max CB COMBI

ISO 7376 Compliant

Supplied in individual colour coded boxes

Disposable One Piece System with Pre-Loaded 6V Batteries

- Pre-fitted, permanently attached blade and handle set with pre-loaded 6V batteries
- Colour coded sachets with full functional 'test in bag' capability for peace of mind
- Ready for use in seconds
- Laser welded surgical stainless steel runs through the hinge, providing superior strength
- Atraumatic tip and fully formed blade profile with no sharp edges
- 6V power source and LED provide super bright illumination
- Full length ET Tube guide surface
- Available in over 20 Blades and handle sizes and variants
- Batteries are easily removable after use for recycling
- Latex free



All the following are supplied in boxes of 10

Part No. Box of 10	NPC Code	Blade Design	Handle Design	Blade Size	ISO 7376 Intended Patient Use	Length (mm)	Width (mm)
MMCB90MAC0	FSM4026	Macintosh	Paediatric	0	Neonate	61.0	8.5
MMCB90MAC1	FSM3560	Macintosh	Paediatric	1	Small Child	75.0	11.5
MMCB90MAC2	FSM1267	Macintosh	Paediatric	2	Child	93.0	12.5
MMCB90MAC2A	---	Macintosh	Adult	2	Child	93.0	12.5
MMCB90MAC2S	---	Macintosh	Stubby	2	Child	93.0	12.5
MMCB90MAC3	FSM1268	Macintosh	Adult	3	Adult	110.0	13.5
MMCB90RMAC3	---	Macintosh Reduced Flange	Adult	3	Adult	110.0	13.5
MMCB90MAC3S	FSM3914	Macintosh	Stubby	3	Adult	110.0	13.5
MMCB90MAC35	---	Macintosh	Adult	3.5	Adult	122.0	13.5
MMCB90MAC4	---	Macintosh	Adult	4	Large Adult	135.0	14.0
MMCB90RMAC4	---	Macintosh Reduced Flange	Adult	4	Large Adult	135.0	14.0
MMCB90MAC4S	FSM3915	Macintosh	Stubby	4	Large Adult	131.0	14.0
MMCB90MAC5	---	Macintosh	Adult	5	Extra Large Adult	156.0	14.0
MMCB90MIL00	FSM3682	Miller	Paediatric	00	Premature Infant	44.0	10.5
MMCB90MIL0	FSM1270	Miller	Paediatric	0	Neonate	55.0	10.5
MMCB90MIL1	FSM1271	Miller	Paediatric	1	Small Child	81.0	10.5
MMCB90MIL15	---	Miller	Paediatric	1.5	Small Child	100.0	10.5
MMCB90MIL2	FSM4027	Miller	Paediatric	2	Child	131.0	13.0
MMCB90MIL2A	---	Miller	Adult	2	Child	131.0	13.0
MMCB90MIL2S	---	Miller	Stubby	2	Child	131.0	13.0
MMCB90MIL3	FSM4092	Miller	Adult	3	Adult	171.0	13.0
MMCB90MIL4	---	Miller	Adult	4	Large Adult	182.0	17.0
MMCB90CP00	FSM3562	Cardiff Pro	Paediatric	00	Premature Infant	55.0	8.0
MMCB90CP0	FSM3561	Cardiff Pro	Paediatric	0	Neonate	71.0	9.0
MMCB90CP1	FSM3563	Cardiff Pro	Paediatric	1	Small Child	77.0	10.0
Part No. Box of 10	NPC Code	Blade Design	Handle Design	Blade Size	ISO 7376 Intended Patient Use	Length (mm)	Width (mm)
MMCB90LT2	---	Lever Tip	Adult	2	Child	93.0	12.5
MMCB90LT3	FSM1796	Lever Tip	Adult	3	Adult	110.0	13.5
MMCB90LT4	FSM1797	Lever Tip	Adult	4	Large Adult	135.0	14.0

Test in Bag Packaging Ready in Seconds

Our innovative and user friendly packaging allows no touch, full activation and function testing of the Laryngoscope in the bag.

More than just an illumination switch test, this crucially allows you to check the full fit and function of ALL parts, including the LED and power source.

Easy to identify colour coding and large sizing information ensures you spend less time looking for the device you need when you need it.



PROACT MRI Blades

Designed and tested to be used ONLY with PROACT MR Conditional Handles (MRGSHB01)

MR Conditional

Designed for use in an MRI environment. ISO 7376 Green System compliant.

- Disposable system eliminates the risk of cross infection between patients
- ISO 7376:2020 Green System compliant, to be used with PROACT MR conditional handles only
- Tested to ASTM standards as suitable for use (MR Conditional) in MRI environments as a blade and handle set
- Strong Polycarbonate material resists breaking, bending & twisting
- Atraumatic tip and fully formed blade profile with no sharp edges
- Full length ET Tube guide surface
- Shielded optics for correctly focused light output
- Supplied in easy to open, clearly identified MR sachets and dispenser box
- Latex free



All the following are supplied in boxes of 10

	Part No.	Blade Design	Blade Size	ISO 7376 Intended Patient Use	Length (mm)	Width (mm)
1	MRHPCMIL00	Miller	00	Premature Infant	43.0	11.5
2	MRHPCMIL0	Miller	0	Neonate	56.0	11.5
3	MRHPCMIL1	Miller	1	Small Child	80.0	11.5
4	MRHPCMIL2	Miller	2	Child	131.0	13.0
5	MRHPCMIL3	Miller	3	Adult	171.0	13.0
6	MRHPCMAC1	Macintosh	1	Small Child	70.0	10.0
7	MRHPCMAC2	Macintosh	2	Child	90.0	12.0
8	MRHPCMAC3	Macintosh	3	Adult	110.0	15.0
9	MRHPCMAC4	Macintosh	4	Large Adult	133.0	15.0



Clearly marked in easy to identify MRI packaging



Specially selected non-magnetic materials

PROACT MRI handles and blades have been tested as a system by an independent UK laboratory to the following standards:

- ASTM F2052 - 15 - Magnetically Induced Displacement Force
- ASTM F2219 - 07 - Evaluation of MR Image Artifacts
- ASTM F2182 - 11A Radio Frequency Induced Heating
- ASTM F2213 - 17 - Magnetically Induced Torque



PROACT MRI Handles

Designed and tested to be used **ONLY** with PROACT MR Conditional Blades

The PROACT MR Conditional Laryngoscope Handles are specially designed for use in the MRI environment. Only for use with PROACT MR Conditional Fibre Optic Blades, these handles are powered by a special MR conditional, five times reusable lithium battery pack. Each battery pack provides greater than 100 minutes of illumination and there are 2 included in each box of 10 handles. The user should re-use each battery five times before discarding it and moving to the second battery supplied. The second battery also acts as a safety backup, in the very unlikely event of a battery failure.

- Disposable system eliminates the risk of cross infection between patients
- Supplied with 2 x limited reuse 3.7V batteries, each providing 100 minutes of illumination
- Super bright LED far exceeds the light output requirements of ISO 7376
- ISO 7376:2020 Compatible, to be used with PROACT MRHPC blades only
- Tested to ASTM standards as suitable (MR Conditional) for use in MRI environments as a blade and handle set
- No touch removal and insertion of batteries reduces the risk of cross-contamination
- Non-magnetic, full metal handle construction with grooves offering strength and secure grip
- Affordable, cost effective, simple and disposable solution.
- Supplied in easy to open, clearly identified MR sachets and dispenser box
- Latex free



Easy to remove
and insert
"No-Touch"
Battery Pack

Part No.	Description	Length x Diameter (mm)
10	MRGSHB01 ADULT - Box of 10 Handles Includes x2 MR batteries	140.0 x 29.0
11	MRBATT01 PROACT MR Battery - Spare Battery Only - x1	To fit MRGSHB01 handle only



Independent laboratory based non-clinical testing of the worst case positioning & application in relation to the MR Magnetic Field have demonstrated that MRGSHB01 and MRHPCXXX are MR conditional, and PROACT Medical Ltd therefore deem that these products can be MR scanned safely under the following MRI conditions:

Static magnetic field of up to and including 3 Tesla

Spatial gradient field of up to and including 2250 Gauss/cm

Maximum whole body averaged specific absorption rate (SAR) of 2.68 W/kg for 15 minutes of scanning.



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All devices manufactured by PROACT Medical™ are fully compliant with the relevant requirements of the European Medical Device Regulations MDR 2017/745.

All of PROACT's products are CE manufactured/FDA Approved to exceed the minimum requirements of any global standards. Our operations are supported by a Quality Management System certified to meet the criteria of ISO 13485:2016 and we expect the same from our suppliers.

We are proud of our environmental credentials and utilise a system which has been certified to the International standard ISO 14001. We constantly work to minimise our environmental impact, handling our business in a way that is committed to preserving, protecting and enhancing the environment.



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