



Standard Blades **Stainless Steel**

MACINTOSH

The predominant choice of the curved blade types. The English profile is distinctive by its more gentle curvature and by a flange that gradually narrows from the base of the blade to its tip. The American profile has a slightly more abrupt curvature and a flange that starts at the base of the blade but ends before reaching the blade tip.

	AMERICAN PROFILE	ENGLISH PROFILE
Size 0, Premature - 80mm	20147	N/A
Size 1, Infant - 92mm	20148	20180
Size 2, Child - 108mm	20150	20182
Size 3, Medium Adult - 124mm	20152	20184
Size 3 1/2, Adult - 144mm	20154	N/A
Size 4, Large Adult - 158mm	20156	20186

MILLER

The most popular of the straight blade types. The English profile Miller has a longer flange and curves more gently at its tip than the American profile Miller blade.

	AMERICAN PROFILE	ENGLISH PROFILE
Size 0 - Premature - 75mm	20158	20190
Size 1 - Infant - 102mm	20160	20192
Size 2 - Child - 155mm	20162	20194
Size 3 - Medium Adult - 195mm	20164	20196
Size 4 - Large Adult - 205mm	20166	N/A

WISCONSIN

This straight blade has no curvature at its tip. The distal portion of the blade is wider and formed slightly to the right to better adapt it to lifting the epiglottis.

	AMERICAN PROFILE	ENGLISH PROFILE
Size 0 - Newborn - 75mm	N/A	20200
Size 1 - Infant - 102mm	N/A	20202
Size 2 - Child - 135mm	20122	20206
Size 3 - Medium Adult - 162mm	20124	20208
Size 4 - Large Adult - 199mm	20126	20210

I.V.™ IMPROVED VIEW MACINTOSH

The Improved View (I.V.) Macintosh blade is concave at the mid portion of the blade and thus allows superior visualization.

Size 2 - I.V. Macintosh	20064
Size 3 - I.V. Macintosh	20066
Size 3 1/2 - I.V. Macintosh	20068
Size 4 - I.V. Macintosh	20070

STANDARD HANDLES Chrome Plated Brass

Large Handle	20350	Pediatric Handle	20362
Accepts 2 "D" Batteries		Accepts 2 "AA" Batteries	
Medium Handle	20354	Infant Handle	20366
Accepts 2 "C" Batteries		Accepts Size N 1.5 V Battery	
Medium Lightweight Handle	20358	Stubby Handle	20370
Accepts 2 "C" Batteries		Accepts 2 "AA" Batteries	

LAMPS PREFOCUSED

Large Laryngoscope Lamp (5 Lamps per pkg)	10791
To fit: Macintosh 3, 3 1/2 and 4; Miller 4	
I.V. Mac 3, 3 1/2, and 4; Wisconsin 2, 3 and 4	
Small Laryngoscope Lamp (5 Lamps per pkg)	10790
To fit: Macintosh 0, 1 and 2; Miller 0, 1, 2 and 3	
I.V. Mac 0, 1, and 2; Wisconsin 0, 1	

PENLON "PREMIER" Laryngoscopes

Every blade is made entirely of stainless steel, and is subjected to a strict adherence to dimensional standards. All lamp contacts are gold plated and all soldering uses the highest quality silver.

PREMIER English Macintosh

	CONVENTIONAL	FIBRELIGHT ISO "RED"
Infant, Size 1	52118	50395
Child, Size 2	52117	50396
Adult, Size 3	52116	50381
Large, Size 4	52115	50384

PREMIER Miller

	CONVENTIONAL	FIBRELIGHT ISO "RED"
Neonate, Size 0	52430	50388
Infant/Child, Size 1	52429	50389
Child/Adult, Size 2	52428	50386
Large, Size 3	52427	50387

PREMIER Robertshaw

	CONVENTIONAL	FIBRELIGHT ISO "RED"
Neonate, Size 0	52132	50415
Infant, Size 1	52133	50416

PREMIER Seward

	CONVENTIONAL	FIBRELIGHT ISO "RED"
Infant, Size 1	52114	50383
Child, Size 2	52113	50414

PREMIER Wisconsin (CONVENTIONAL ONLY)

Neonate, Size 0	52424
Infant, Size 1	52423
Child, Size 2	52422
Adult, Size 3	52421

PREMIER Handles

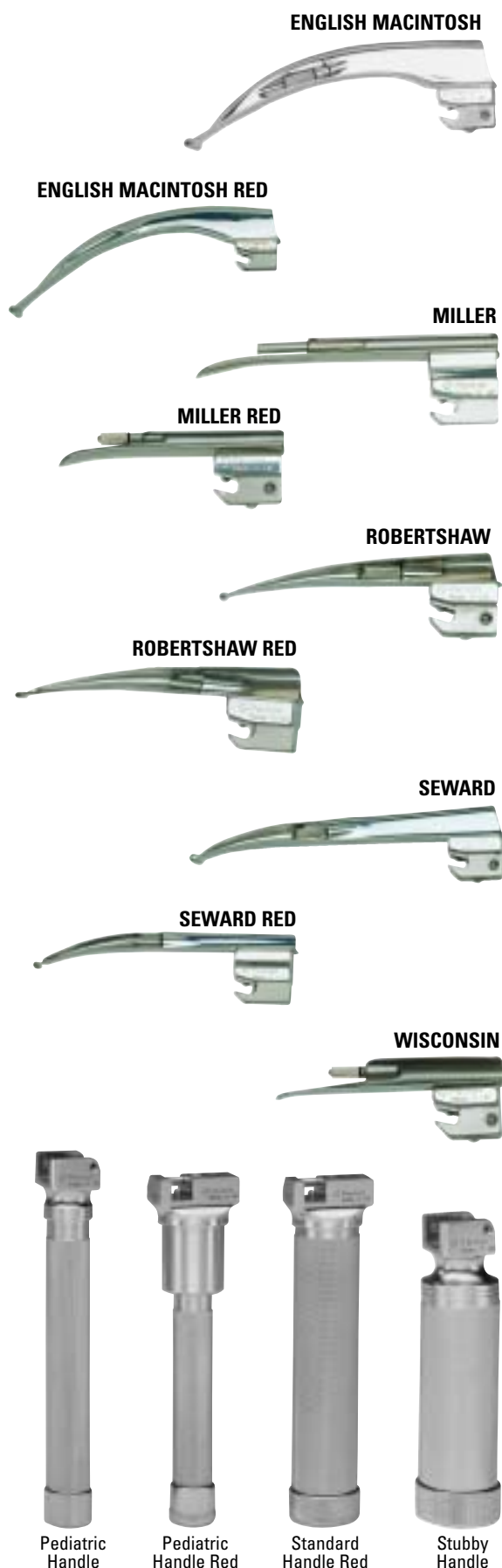
	CONVENTIONAL	FIBRELIGHT ISO "RED"
Stubby "AA"	52087a	50377
Penlight "AA"	52145c	50378
Standard Medium "C"	52089b	50380/2
Adjustable "AA"	52098d	

PREMIER Accessories

Replacement Bulbs, conventional, Large (pack/5)	55091
Replacement Bulbs, conventional Small (pack/5)	55092
Replacement bulbs, Fibrelight ISO Red (pack/5)	55094

Fibrelight ISO Red Replacement Bundles (NOT SHOWN)

Macintosh, size 2	33344	Miller, size 0	33444
Macintosh, size 3	33368	Miller, size 1	33441
Macintosh, size 4	33367	Miller, size 2	33445
		Miller, size 3	33443
Robertshaw, size 0	33246		
Robertshaw, size 1	33247	Seward, size 1	33251
		Seward, size 2	33248
Retention Screw	33337		



ENGLISH MACINTOSH



MILLER



ROBERTSHAW



SEWARD



50376
BOXED SET

PENLON Fibrelight Diamond ISO "Green" Laryngoscopes
Since designing the world's first fibrelight laryngoscope system in 1972, Penlon has established a long standing tradition of producing innovative laryngoscope products. The Diamond Laryngoscope system has now been developed to meet the latest international fibrelight laryngoscope ISO standard 7376-3 (the Green Standard), to provide a fully interchangeable, internationally compatible laryngoscope system.

- Fiber optic bundles able to withstand repeated autoclave treatments
- Five year guarantee on light guide bundles
- Lifetime guarantee on blades and handles (excluding bulb)
- Removable light guide design
- Penlon quality you can trust

DIAMOND GREEN ENGLISH MACINTOSH		
Infant, Size 1 - 95mm		50530
Child, Size 2 - 107mm		50531
Adult, Size 3 - 130mm.....		50532
Large, Size 4 - 150mm		50533

DIAMOND GREEN MILLER		
Newborn, Size 0 - 76mm		50534
Infant, Size 1 - 102mm		50535
Child, Size 2 - 152mm		50536
Adult, Size 3 - 192mm.....		50537

DIAMOND GREEN ROBERTSHAW		
Neonate, Size 0 - 96mm.....		50540
Infant, Size 1 - 112mm		50541

DIAMOND GREEN SEWARD		
Infant, Size 1 - 110mm		50538
Child, Size 2 - 130mm		50539

DIAMOND GREEN HANDLES		
Stubby "AA"		50527
Penlight, "AA"		50526
Standard Medium, "C"		50525

DIAMOND GREEN BOXED SETS		
Case, Miller 2 & 3, Seward 1, Standard Handle		50374
Case, Macintosh 3 & 4, Seward 1, Standard Handle		50375
Case, Macintosh 1, 2, 3, & 4, Standard Handle		50376

ACCESSORIES		
Replacement Bulbs (Pack of five)		50542

Special Custom sets available upon request

CRANWALL™
Modified from the Miller Blade, the Cranwall™ design dramatically reduces the flange to allow tube insertion through a restricted opening.

ROBERTSHAW
This blade for infants and children is gently curved over the distal third and is designed to lift the epiglottis indirectly in the manner of the Macintosh blade.

OXFORD
Suitable for premature infants, babies and children up to the age of four, there is sufficient overhang on the open side and a broad flat lower surface to help with patients with an extreme degree of cleft palate.

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

WIS-HIPPLE
Modification of the Wisconsin blade with a straight flat spatula tip and a large circular flange.

POLIO English Profile
A modification of the Macintosh blade that is offset from the handle at an obtuse angle to allow intubation of patients on respirators, in body jackets, as well as other difficult situations.

E-MAC™ Reduced Flange
A modification of the English profile Macintosh blade. A channel has been added to provide superior visualization. The anterior flange has been reduced to enable the user to exert less force upon the maxillary incisors.

BLADE TYPE & SIZE	FIBRE OPTIC	
	STANDARD	GREEN
Cranwall™ Blade, Size 0, 75mm	19091	19040
Cranwall™ Blade, Size 1, 102mm	19092	19042
Cranwall™ Blade, Size 2, 155mm	19093	19044
Cranwall™ Blade, Size 3, 195mm	19094	19046
Robertshaw Blade, Size 0, 94mm	20254	19050
Robertshaw Blade, Size 1, 112mm	20256	19052
Oxford Blade, Infant, 102mm	20258	19090
Phillips Blade, Size 1, Pediatric, 113mm	19104	19100
Phillips Blade, Size 2, Adult, 166mm	19106	19102
Wis-Hipple Blade, Size 0, 80mm	19130	19140
Wis-Hipple Blade, Size 1, 102mm	19132	19142
Wis-Hipple Blade, Size 2, 115mm	19134	19144
Polio Blade, Medium Adult, Size 3, 130mm	19108	19110
Reduced Flange E-MAC, Child, Size 2, 100mm	19160	19012
Reduced Flange E-MAC, Medium Adult, Size 3, 130mm	19162	19014
Reduced Flange E-MAC, Extended Adult, Size 3 1/2, 144mm	19164	19015
Reduced Flange E-MAC, Large Adult, Size 4, 155mm	19166	19016
Reduced Flange E-MAC, Extra Large Adult, Size 5, 175mm	N/A	19018



CRANWALL™



ROBERTSHAW



OXFORD



PHILLIPS



WIS-HIPPLE



POLIO BLADE
English Profile



E-MAC™
Reduced Flange

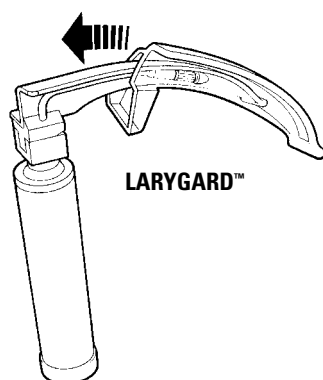


PREMIER CONVENTIONAL
Size 3

CRYSTAL™ MACINTOSH



CRYSTAL™ MILLER



LARYGARD™

MCCOY CLM SPECIALTY LARYNGOSCOPE BLADES

For patients where visualization of the larynx is difficult, the CLM (McCoy) blade's hinged tip allows the epiglottis to be elevated while minimizing the overall movement of the laryngoscope. This blade is available in a variety of sizes for both fibrelight and conventional laryngoscope handles.

PREMIER CONVENTIONAL LARYNGOSCOPE

CLM McCoy Blade w/Case, Size 1 (SEWARD)	50460
CLM McCoy Blade w/Case, Size 2 (SEWARD)	50462
CLM McCoy Blade w/Case, Size 3 (MACINTOSH).....	50425
CLM McCoy Blade w/Case, Size 4 (MACINTOSH).....	50434

PREMIER FIBRELIGHT RED LARYNGOSCOPE

CLM McCoy Blade w/Case, Size 1 (SEWARD)	50472
CLM McCoy Blade w/Case, Size 2 (SEWARD)	50474
CLM McCoy Blade w/Case, Size 3 (MACINTOSH).....	50476
CLM McCoy Blade w/Case, Size 4 (MACINTOSH).....	50478

DIAMOND FIBRELIGHT GREEN LARYNGOSCOPE

CLM McCoy Blade w/Case, Size 3 (MACINTOSH).....	50669
CLM McCoy Blade w/Case, Size 4 (MACINTOSH).....	50671

Note: Blades also available with laryngoscope handle

NEW!

PENLON CRYSTAL™ Single Use Laryngoscope Blades

- Clear, smooth light transmitting blade
- Fits all ISO "Green" Fibre optic laryngoscope handles.
- Superb visualization through revolutionary 'Crystal' technology
- Single use to prevent cross infection

Crystal™ Miller Blade, Size 0	50550
Crystal™ Miller Blade, Size 1	50551
Crystal™ Macintosh Blade, Size 2	50552
Crystal™ Macintosh Blade, Size 3	50553
Crystal™ Macintosh Blade, Size 4	50554

NEW!

LARYGARD™ Laryngoscope Blade Sheath

- Economic and convenient alternative to autoclaving or chemical immersion
- Fits all English Profile Macintosh Blades, both conventional and fibrelight
- Saves on disinfection time and cost
- High quality sheath made from medical grade PVC
- Designed to prevent cross-infection by bacteria, viruses and prions originating in the mouth, without affecting the clinician's intubation technique

LARYGARD™ Sheath for MacIntosh Blade, Size 2.....	50509*
LARYGARD™ Sheath for MacIntosh Blade, Size 3.....	50500*
LARYGARD™ Sheath for MacIntosh Blade, Size 4.....	50515*

*Box of 50