



LARYNGOSCOPE
COLLECTION

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WelchAllyn[®]
Advancing Frontline Care[™]

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Advancing Frontline Care[™]

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Robust Design

Welch Allyn's laryngoscope design uses a single piece of 304-series stainless steel as its load-bearing member. All competitive blades are constructed from multiple pieces of stainless steel or brass that are bonded together using a solder or braze. These solders or brazes are vulnerable to corrosion due to harsh conditions associated with many sterilization methods.

This one-piece construction of the Welch Allyn blade is more robust than the typical competitive product. Furthermore, its one-piece blade construction eliminates the potentially weaker soldered or brazed joint.

Design Features

Removable Light Pipe

Welch Allyn's innovative design incorporates an easy-to-remove light pipe that eliminates the difficult-to-clean areas of most competitive laryngoscopes.

Smooth Surface Finish

Another feature designed to help improve the cleaning of a Welch Allyn blade is its surface finish. Typical laryngoscope finishes have a surface roughness of 32µ in. The surface finish used on all Welch Allyn blades has a roughness of just 8µ in. This creates a surface texture that is approximately four times smoother than competitive blades, resulting in an easier-to-clean, stain-resistant laryngoscope blade. What's more, the surface finish is not a plating, and therefore does not alter the 304-series stainless steel construction of the blade itself.

Brighter by Design

The Welch Allyn Halogen HPX™ lamp is the latest technology in gas-filled lamps. By filling the lamp with a high-pressure mixture of halogen and xenon gases, we have invented a miniature lamp that is more than 30% brighter and whiter than standard halogen lamps.

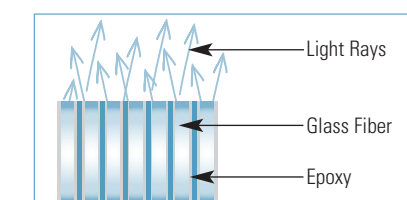
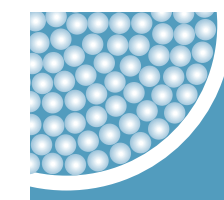


More Value by Design

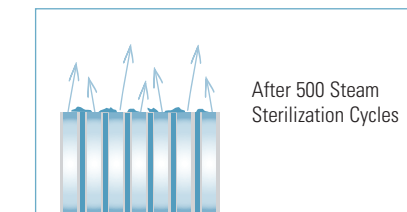
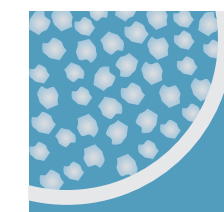
Reduced Light Degradation

There are primarily two causes of reduced light transmission in fiber optic laryngoscopes: fiber optic breakage and epoxy blockage. Light degradation caused by fiber optic breakage will occur in varying degrees in any laryngoscope that is subjected to severe changes in temperature.

> When a fiber optic laryngoscope is steam-sterilized, the heat involved causes the epoxy (used to hold the fibers in place within the fiber optic bundle) to expand and extrude past the end of the light pipe.



> The epoxy cools following the autoclave process and hardens over the optics, blocking light emissions from those fibers. As more and more fibers are blocked, less and less light is emitted and the accuracy of the intubation process may be jeopardized.



Welch Allyn fiber optic blades and handles conform to the current ASTM (F1195) and ISO (7376) standards and are color-coded green to signify compatibility.

Welch Allyn standard blades and handles conform to the current ASTM (F965) and ISO (7376) standards. Blades are color-coded black to signify compatibility.

Welch Allyn Laryngoscopes Designed Smart

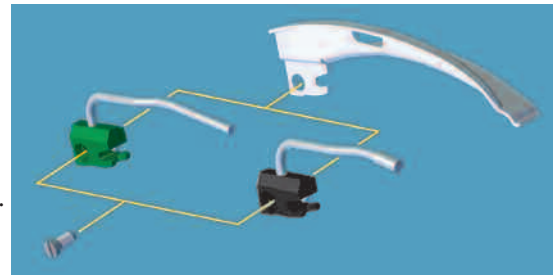
FREE Polishing Service

Welch Allyn's state-of-the-art blade design allows for the removable fiber optic light pipe to be repolished throughout the life of the blade. When the optics are repolished, occluding epoxy is removed from the input and output points of the fiber optic pipe. This restores the light transmission to its optimum level, thus increasing the overall life of the blade. A Welch Allyn light pipe can be repolished three times over its lifetime—and can then be replaced at a fraction of the cost of a complete blade.

As an additional service to our customers, Welch Allyn will provide this repolishing service free of cost whenever it is needed over the life of the laryngoscope blades.

Upgradable and Repairable by Design

The removable fiber optic design truly makes Welch Allyn blades the smart choice for you. That's because this unique design makes our blades the most affordable way to upgrade from standard to fiber optic lighting—while still offering the benefits of one-piece blade construction. To upgrade to fiber optics, simply replace your current, standard lamp light pipe with the fiber optic pipe.



Fiber Optic Light Pipes

Welch Allyn fiber optic light pipes for laryngoscopes are guaranteed for five years against complete loss of performance. Welch Allyn recognizes that repeated use of steam sterilization will result in reduced light transmission. However, polishing of the input and output of the light pipe can restore performance to its original levels. Therefore, during the first five years, Welch Allyn will polish or replace the fiber optic light pipe, free of charge, if performance is reduced due to repeated sterilization by steam autoclave.

Welch Allyn Warranty

Instruments

Welch Allyn laryngoscope blades and handles are guaranteed against all manufacturing defects for the life of the instrument. Welch Allyn will repair or replace, free of charge, any parts of its own manufacture proven to be defective through causes other than misuse, neglect, damage in shipment or normal wear.

Every Welch Allyn laryngoscope blade comes with a lifetime warranty against manufacturing defects. This is our assurance that each blade will operate up to our high performance standards—and yours.

Welch Allyn's engineers have taken the time and effort to design a complete line of laryngoscope blades that are sure to provide you with both superior value and superior performance.

For more information on a free, on-site demonstration of our complete line of laryngoscope blades, contact your local Welch Allyn representative.

MacIntosh Laryngoscopes Fiber Optic/Standard

When his original article was published in "The Lancet" in February, 1943, Dr. MacIntosh probably did not foresee the impact his new design would have on anesthesiology. Currently the most popular of all curved-blade styles, the MacIntosh blade has survived virtually unchanged since its conception. The idea for this blade originated from two previous papers. The first, published by J.V. Human in 1941, discussed passing the laryngoscope only until the epiglottis comes into view and then passing an endotracheal tube behind the epiglottis. The procedure reduced dental and posterior pharyngeal wall trauma. The second article, published in 1942 by W.H. Cassels, discussed the importance of the curve, provided by the Miller blade, in compression of the epiglottis. These earlier blades helped to inspire the MacIntosh blade, a design that incorporates a gentle, continuous curve from the tip to the proximal end. The curve is compressed into the vallecula and the blade lifted, indirectly raising the epiglottis.

Welch Allyn recently modified our MacIntosh blades by reducing proximal blade height. This results in a lower profile that assists in intubating patients with limited oral access.

MacIntosh Halogen Fiber Optic



Catalog No.	Blade Size	Overall Length	Length Inside Base to Tip
69061	1	89 mm	63 mm
69062	2	108 mm	82 mm
69063	3	126 mm	101 mm
69064	4	160 mm	135 mm

MacIntosh Standard



Catalog No.	Blade Size	Overall Length	Length Inside Base to Tip
69041	1	89 mm	63 mm
69042	2	108 mm	82 mm
69043	3	126 mm	101 mm
69044	4	160 mm	135 mm

MacIntosh Blade Features

- **Lightweight.** Reduced handle and blade weight for improved balance and maneuverability facilitates even the most difficult intubations.

- **Convertible.** Blades easily convert from lamp to fiber optic illumination. Makes upgrading economical.

- **Repairable.** Replace deteriorating light pathways for a fraction of the cost of a replacement blade.

- **Improved design.** Reduced proximal blade height assists in intubating patients with limited oral access.

- **One-piece construction.** Single-piece stainless steel blade ensures blade integrity (no soldered joints).

- **Halogen HPX™ illumination.** Our fiber optic blades feature Halogen HPX lamps for true tissue color and consistent, long-lasting illumination.

E-MacIntosh Laryngoscopes Fiber Optic/Standard

E-MacIntosh Blade Features

- **Lightweight.** Reduced handle and blade weight for improved balance and maneuverability facilitates even the most difficult intubations.
- **Convertible.** Blades easily convert from lamp to fiber optic illumination. Makes upgrading economical.
- **Repairable.** Replace deteriorating light pathways for a fraction of the cost of a replacement blade.
- **Improved design.** Reduced proximal blade height assists in intubating patients with limited oral access.
- **One-piece construction.** Single-piece stainless steel blade ensures blade integrity (no soldered joints).
- **Halogen HPX™ illumination.** Our fiber optic blades feature Halogen HPX lamps for true tissue color and consistent, long-lasting illumination.

E-MacIntosh, or “English”-MacIntosh, blades are the most popular style of laryngoscope blade outside of the United States. The design, although based heavily upon the original MacIntosh blade, differs in several aspects. First, the curve of the E-Macs is more continuous from the proximal to distal end. This improves lifting mechanics. Second, overall length is increased to help assist intubation in patients with an anterior larynx. Finally, the profile or height of the instrument had been reduced for easier intubation in patients with limited oral access.

The E-Mac series, introduced by Welch Allyn in June of 1992, is the result of continual discussions with customers regarding improvement in the design and manufacture of laryngoscope blades. This is the first new line of laryngoscope blades manufactured by Welch Allyn since our inception of the Miller laryngoscope in 1941.

E-MacIntosh Halogen Fiber Optic



Catalog No.	Blade Size	Overall Length	Length Inside Base to Tip
69211	1	95 mm	70 mm
69212	2	116 mm	90 mm
69213	3	135 mm	110 mm
69214	4	156 mm	130 mm

E-MacIntosh Standard



Catalog No.	Blade Size	Overall Length	Length Inside Base to Tip
69241	1	95 mm	70 mm
69242	2	116 mm	90 mm
69243	3	135 mm	110 mm
69244	4	156 mm	130 mm

Miller Laryngoscopes Fiber Optic/Standard

Miller Blade Features

- **Lightweight.** Reduced handle and blade weight for improved balance and maneuverability facilitates even the most difficult intubations.
- **Convertible.** Blades easily convert from lamp to fiber optic illumination. Makes upgrading economical.
- **Repairable.** Replace deteriorating light pathways for a fraction of the cost of a replacement blade.
- **Improved design.** Reduced proximal blade height assists in intubating patients with limited oral access.
- **One-piece construction.** Single-piece stainless steel blade ensures blade integrity (no soldered joints).
- **Halogen HPX™ illumination.** Our fiber optic blades feature Halogen HPX lamps for true tissue color and consistent, long-lasting illumination.

When developing this blade with Welch Allyn in 1941, Dr. Miller was attempting to overcome four major shortcomings of existing straight blades. The first was the height of the proximal portion of the blade, which he reduced by compressing the “C” shaped cross-section into a modified “D” shape. This change helped to prevent dental trauma and allowed intubation of patients with small oral openings. Second, because most blades were curved distally only at the tip, they did not facilitate lifting of the epiglottis. This problem was solved by starting the curve two inches back from the tip providing a positive lifting action. Third, existing blade styles were wide distally; this limited the manageability of the instrument, prohibiting intubation. Therefore, the Miller blade was designed with a narrow tip. Finally, the tongue or base of the Miller blade was rounded to prevent pushing the tongue into the floor of the mouth.

In 1990, Welch Allyn modified the Miller blade to improve its functionality and field of view. First, the blade or tongue of the blade was flattened so that the tongue would be swept aside, rather than compressed. This was implemented due to the present technique of sweeping the tongue rather than compressing. The flat base helps to hold the tongue out of the field of view. Overall field of view was increased by modifying the cross-sectional area of the blade without altering width or height.

Miller Halogen Fiber Optic



Catalog No.	Size	Inside Vertical Measure	Length Inside Base to Tip
68065	00	8 mm	36 mm
68060	0	8 mm	53 mm
68061	1	8 mm	79 mm
68062	2	10 mm	132 mm
68063	3	11 mm	172 mm
68064	4	13 mm	182 mm

Miller Standard



Catalog No.	Size	Inside Vertical Measure	Length Inside Base to Tip
68045	00	8 mm	36 mm
68040	0	8 mm	53 mm
68041	1	8 mm	79 mm
68042	2	10 mm	132 mm
68043	3	11 mm	172 mm
68044	4	13 mm	182 mm

Fiber Optic Laryngoscope Handles

Fiber Optic Halogen HPX™ Handles



Lightweight Fiber Optic Halogen HPX™ Handles

Redesigned to reduce total weight, Welch Allyn's lightweight handles are up to 40% lighter than our previous design. This, coupled with a 50% reduction in blade weight, adds up to a responsive and maneuverable system. Fiber optic handles are available in both "C" and "AA" sizes.

Catalog No.	Description
60813	"C" size fiber optic battery handle
60814	"AA" size fiber optic battery handle
60815	Fiber optic stubby handle
06000-U	Halogen HPX replacement lamp

2.5 V Rechargeable Fiber Optic Halogen HPX™ Handles

Eliminate the problem of drained handles with our rechargeable fiber optic handles. These units can remain constantly in the charging stand to ensure full power and maximum illumination. The handle utilizes a 2.5 V recyclable* nickel-cadmium battery that is guaranteed for two years.

Catalog No.	Description
60713	Rechargeable 2.5 V fiber optic handle only, UL listed, CSA certified
71110	Charger only, 110-130 V, 50/60 Hz, UL listed, CSA certified
71105	Same as No. 71110 but export (specify country and voltage); conforms to IEC 601-1, 220-250 V, 50/60 Hz
06000-U	Halogen HPX replacement lamp
72000	Nickel-cadmium rechargeable battery (color-coded red)

3.5 V Rechargeable Fiber Optic Halogen HPX™ Handles

Eliminate the problem of drained handles with our rechargeable fiber optic handles. These units can remain constantly in the charging stand to ensure full power and maximum illumination. The handle utilizes a 3.5 V recyclable* nickel-cadmium battery that is guaranteed for two years.

Catalog No.	Description
60835	3.5 V Handle only
71140	Charger only, 110-130 V, 50/60 Hz
72200	3.5 V NiCad Rechargeable Battery
608351-501	3.5 V Halogen HPX Gold Lamp Cartridge Assembly
608107	Switch Plunger/Lamp Shield
00300-U	3.5 V Halogen HPX Replacement Lamp

*As a sign of our commitment to the environment, Welch Allyn encourages the return of all spent nickel-cadmium batteries for recycling. All handles conform to ASTM/ISO standards.

Standard Laryngoscope Handles

Standard Handles

Standard Battery Handles

Welch Allyn standard laryngoscope handles come in a variety of sizes to meet any application need. Crafted from durable chrome-plated brass (as with all Welch Allyn handles), our handles are built to last. Choose from "D," "C," or "AA" battery cell sizes.



Catalog No.	Description
60200	Large "D" size battery handle
60300	Medium "C" size battery handle
60400	Penlight "AA" size battery handle
60305	Standard "AA" size stubby handle

Standard Rechargeable Handles

Virtually eliminate the need for replacement batteries with a Welch Allyn rechargeable handle. The recyclable*, nickel-cadmium battery is guaranteed for two years, and ensures operation even after long periods of non-use.



Catalog No.	Description
60715	Rechargeable battery handle and transformer, 110 V, UL listed, CSA certified
60710	Rechargeable 2.5 V handle only, UL listed, CSA certified
71040	Transformer only for rechargeable handle, UL listed, CSA certified
60755	Same as No. 60715, but export (specify country and voltage); conforms to IEC 601-1, 220-250 V, 50/60 Hz
60720	Rechargeable battery handle only, export
71025	Transformer only for rechargeable handles, export (specify country and voltage); conforms to IEC 601-1, 220-250 V, 50/60 Hz
72000	Nickel-cadmium rechargeable battery (color-coded red)

*As a sign of our commitment to the environment, Welch Allyn encourages the return of all spent nickel-cadmium batteries for recycling. All handles conform to ASTM/ISO standards.

Fiber Optic Laryngoscope Sets

Fiber Optic Sets

MacIntosh, E-MacIntosh and Miller

All fiber optic MacIntosh, E-MacIntosh and Miller sets feature brilliant halogen illumination. Light output is nearly three times that of present standard (lamp) sets. Each set includes both of our "AA" and "C" cell battery lightweight handles and lightweight blades for maximum maneuverability.

Blades are manufactured from enduring stainless steel, and the handles of chrome-plated brass, to assure a lifetime of performance.

Fiber Optic Sets with Case



68696
Miller #1, 2, 3, 4

Catalog No.	Description
69696	MacIntosh fiber optic set includes blade sizes #1, 2, 3 and 4, No. 60813 "C" cell battery handle, No. 60814 "AA" cell battery handle and case No. 05691
68696	Miller fiber optic set includes blade sizes #0, 1, 2, 3 and 4, No. 60813 "C" cell battery handle, No. 60814 "AA" cell battery handle and case No. 05681
69697	E-MacIntosh fiber optic set includes blade sizes #1, 2, 3 and 4, No. 60813 "C" cell battery handle, No. 60814 "AA" cell battery handle and case No. 05791

Popular Mixed Blade Style Fiber Optic Sets with Case



65122
MacIntosh #3 and 4,
Miller #0 and 2, with
Stubby Battery
Handles and Case

Catalog No.	Description
MacIntosh and Miller Universal Sets	
65121	Universal set (MacIntosh #3 and 4, Miller #0 and 2) with No. 60813 "C" cell and No. 60814 "AA" cell battery handles and case No. 05700
65122	Universal set (MacIntosh #3 and 4, Miller #0 and 2) with No. 60813 "C" cell and No. 60815 stubby battery handles and case No. 05700
65123	Universal set (MacIntosh #3 and 4, Miller #0 and 2) with No. 60814 "AA" cell and No. 60815 stubby battery handles and case No. 05700
E-MacIntosh and Miller Universal Sets	
65124	Universal set (E-MacIntosh #3 and 4, Miller #0 and 2) with No. 60813 "C" cell and No. 60814 "AA" cell battery handles and case No. 05701
65125	Universal set (E-MacIntosh #3 and 4, Miller #0 and 2) with No. 60813 "C" cell and No. 60815 stubby battery handles and case No. 05701
65126	Universal set (E-MacIntosh #3 and 4, Miller #0 and 2) with No. 60814 "AA" cell and No. 60815 stubby battery handles and case No. 05701

Standard Laryngoscope Sets

Standard (Lamp) Sets

MacIntosh, E-MacIntosh and Miller

Welch Allyn standard lamp laryngoscopes are now available for the first time in complete sets. Choose from either a four-blade MacIntosh, E-MacIntosh or five-blade Miller set. Each contains both "AA" and "C" cell battery handles.

Blades are manufactured from enduring stainless steel, and the handles of chrome-plated brass, to assure a lifetime of performance.

Specific Blade Style Standard Sets (Lamp)



69096
MacIntosh Laryngoscope Set
#1, 2, 3 and 4 with Medium
and Penlight Handles with Case

Catalog No.	Description
69096	MacIntosh standard set includes blade sizes #1, 2, 3 and 4, No. 60300 "C" cell battery handle, No. 60400 "AA" cell battery handle and case No. 05691
68096	Miller standard set includes blade sizes #1, 2, 3 and 4, No. 60300 "C" cell battery handle, No. 60400 "AA" cell battery handle and case No. 05681
69097	E-MacIntosh standard set includes blade sizes #1, 2, 3 and 4, No. 60300 "C" cell battery handle, No. 60400 "AA" cell battery handle and case No. 05791

Popular Mixed Blade Style Standard Sets with Case

Catalog No.	Description
MacIntosh and Miller Universal Sets	
65221	Universal set (MacIntosh #3 and 4, Miller #0 and 2) with No. 60300 "C" cell and No. 60400 "AA" cell battery handles and case No. 05700
65222	Universal set (MacIntosh #3 and 4, Miller #0 and 2) with No. 60300 "C" cell and No. 60305 stubby battery handles and case No. 05700
65223	Universal set (MacIntosh #3 and 4, Miller #0 and 2) with No. 60400 "AA" cell and No. 60305 stubby battery handles and case No. 05700
E-MacIntosh and Miller Universal Sets	
65224	Universal set (E-MacIntosh #3 and 4, Miller #0 and 2) with No. 60300 "C" cell and No. 60400 "AA" cell battery handles and case No. 05701
65225	Universal set (E-MacIntosh #3 and 4, Miller #0 and 2) with No. 60300 "C" cell and No. 60305 stubby battery handles and case No. 05701
65226	Universal set (E-MacIntosh #3 and 4, Miller #0 and 2) with No. 60400 "AA" cell and No. 60305 stubby battery handles and case No. 05701

Portable Laryngoscope Sets

Fiber Optic/Standard Sets

MacIntosh and Miller

Welch Allyn's new portable sets provide the maximum performance and versatility in an economical package. We've combined three of the most commonly used laryngoscope blades, Miller #0 (children), MacIntosh #3 (average adults) and Miller #2 (small adults, older children) with our portable soft-shell emergency case. Sets are available with "AA" or "C" cell handles and in either fiber optic or standard versions. The case is soft vinyl with separate compartments for holding blades and handles.

Fiber Optic Portable Sets with Case

Catalog No.	Description
65101	Portable set includes laryngoscope blades (MacIntosh #3, Miller #0 and Miller #2), No. 60813 "C" cell handle and case No. 05620
65102	Portable set includes laryngoscope blades (MacIntosh #3, Miller #0 and Miller #2), No. 60814 "AA" cell handle and case No. 05620
65103	Portable set includes laryngoscope blades (MacIntosh #3 and MacIntosh #4), No. 60813 "C" cell handle and case No. 05620
65104	Portable set includes laryngoscope blades (MacIntosh #3 and MacIntosh #4), No. 60814 "AA" cell handle and case No. 05620
05620	Portable case only, soft vinyl, zippered



65103
MacIntosh #3 and 4 and
Medium Handle

Standard (Lamp) Portable Sets with Case

Catalog No.	Description
65201	Portable set includes laryngoscope blades (MacIntosh #3, Miller #0 and Miller #2), No. 60300 "C" cell handle and case No. 05620
65202	Portable set includes laryngoscope blades (MacIntosh #3, Miller #0 and Miller #2), No. 60400 "AA" cell handle and case No. 05620
65203	Portable set includes laryngoscope blades (MacIntosh #3 and MacIntosh #4), No. 60300 "C" cell handle and case No. 05620
65204	Portable set includes laryngoscope blades (MacIntosh #3 and MacIntosh #4), No. 60400 "AA" cell handle and case No. 05620
05620	Portable case only, soft vinyl, zippered



65202
MacIntosh #3, Miller #0 and #2
and Penlight Handle with Case

Laryngoscope Replacement Parts

Lamps/Light Pipe Assembly

Replacement Lamps for Standard Blades

Catalog No.		MacIntosh	E-MacIntosh	Miller
04700		69041	69241	68040
		69042	69242	68041 68045
04800		69043	69243	68042
		69044	69244	68043 68044

Replacement Lamp for Reusable Illuminator

Catalog No.		Reusable Illuminator
03600		60500

Replacement Components for Fiber Optic Handles (60813, 60814, 60815, 60713)

Description	HPX Lamp Cartridge Assembly (HPX Lamp Included)	Cartridge Base (Not Available Separately)	HPX Lamp	Switch Plunger/ Lamp Shield
Catalog No.	608125-501		06000	608107

For information on replacement lamps for obsolete Welch Allyn laryngoscopes, please refer to our diagnostic instrument catalog or call Welch Allyn customer service at 315.685.4560.

Replacement Parts for Light Pipe Assemblies

Fiber Optic	Blade Size	Light Pipe Assembly	Standard	Blade Size	Light Pipe Assembly
MacIntosh	1	690123-501	MacIntosh	1	680133-501
	2	690123-502		2	680133-502
	3	690123-503		3	680133-503
	4	690123-504		4	680133-504
E-MacIntosh	1	690124-501	E-MacIntosh	1	680134-501
	2	690124-502		2	680134-502
	3	690124-503		3	680134-503
	4	690124-504		4	680134-504
Miller	00	690122-505	Miller	00	680132-505
	0	690122-500		0	680132-500
	1	690122-501		1	680132-501
	2	690122-502		2	680132-502
	3	690122-503		3	680132-503
	4	690122-504		4	680132-504

Retaining screw for all fiber optic light pipe assemblies—
690015-501

Retaining screw for all standard light pipe assemblies—
690015-501



MacIntosh Blades

The MacIntosh design has remained virtually unchanged since it was created in 1943—and is currently the most popular of all curved blade styles. Recent modifications have reduced the proximal blade height—resulting in a lower profile that assists in intubating patients with limited oral access.

Fiber Optic Catalog No.	Standard Catalog No.	Blade Size	Overall Length	Length Inside Base to Tip
69061	69041	1	89 mm	63 mm
69062	69042	2	108 mm	82 mm
69063	69043	3	126 mm	101 mm
69064	69044	4	160 mm	135 mm



E-MacIntosh Blades

The E-MacIntosh differs in several ways from the original MacIntosh design. The curve is more continuous from proximal to distal end to improve lifting mechanics. The overall length is increased to aid in intubating patients with an anterior larynx, and height is reduced to help intubate patients with limited oral access.

Fiber Optic Catalog No.	Standard Catalog No.	Blade Size	Overall Length	Length Inside Base to Tip
69211	69241	1	95 mm	70 mm
69212	69242	2	116 mm	90 mm
69213	69243	3	135 mm	110 mm
69214	69244	4	156 mm	130 mm



Miller Blades

The Miller blade, originally designed in 1941, was modified in 1990 to improve its functionality and field of view. For instance, the base of the blade was flattened to allow the tongue to be swept aside, rather than compressed. This has allowed better viewing, without altering the blade's width or height.

Fiber Optic Catalog No.	Standard Catalog No.	Blade Size	Inside Vertical Height	Length Inside Base to Tip
68060	68040	0	8 mm	53 mm
68061	68041	1	8 mm	79 mm
68062	68042	2	10 mm	132 mm
68063	68043	3	11 mm	172 mm
68064	68044	4	13 mm	182 mm
68065	68045	00	8 mm	36 mm



Fiber Optic Handles

Welch Allyn laryngoscope handles are available in a variety of different styles to meet your specific needs. Our new Battery Handles are up to 40% lighter than previous models. Our Rechargeable Handles ensure full power and maximum illumination at all times. And our Stubby Handles are shorter in length, to aid in intubation of short-necked or barrel-chested patients.

Fiber Optic	Catalog No. Description	Type
60813	"C" size fiber optic	battery
60814	"AA" size fiber optic	battery
06000	Halogen replacement lamp	all models use same
60713	2.5v fiber optic, UL, CSA	rechargeable
71110	Charger only, 110-130v, 50/60 Hz	rechargeable
71105	Export only	rechargeable
72000	Nickel-cadmium battery (coded-red)	rechargeable
60815	Stubby "AA" size fiber optic handle	battery

Standard Handles

Welch Allyn laryngoscope handles are available in a variety of different styles to meet your specific needs. Our new battery handles are up to 40% lighter than previous models.

Standard	Catalog No. Description	Type
60200	Large "D" size battery handle	battery
60300	Medium "C" size battery handle	battery
60400	Penlight "AA" size battery handle	battery
60715	Handle & transformer 110 V, UL, CSA	rechargeable
60710	Handle only, 2.5 V, UL, CSA	rechargeable
71040	Transformer only, UL, CSA	rechargeable
60755	Same as 60715, export, spec. country and voltage, IEC, 601-1, 220-250 V, 50/60 Hz	rechargeable
60720	Handle only, export	rechargeable
71025	Transformer only, export, 601-1, 220-250 V, 50/60 Hz	rechargeable
72000	Nickel-cadmium battery (coded red)	rechargeable
60305	Stubby "AA" size handle	battery
	Standard stubby handle	battery

Welch Allyn fiber optic blades and handles conform to the current ASTM (F1195) and ISO (7376) standards and are color-coded green to signify compatibility.

Welch Allyn standard blades and handles conform to the current ASTM (F965) and ISO (7376) standards. Blades are color-coded black to signify compatibility.