

The
LARYNGOSCOPE
Collection
Second Edition



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.

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Welch Allyn Sets the Standard

For Welch Allyn, quality has long been the cornerstone of our foundation. From our inception in 1915 to present, we've always believed that an investment up front pays off in superior products in the end. By taking the time for quality design and paying attention to the details of the manufacturing process, Welch Allyn has earned the reputation as a worldwide leader in the design and manufacture of medical instrumentation.

The same philosophy has been applied to laryngoscope blades. As a leader in laryngoscope development, we've worked with both the A.S.T.M. and I.S.O. to establish worldwide standards and specifications for laryngoscope design. In 1990, we introduced our patented, convertible laryngoscope system that allows users to not only repair laryngoscopes right on site, but also allows for less expensive conversion from traditional lamp to fiber optic illumination in the future. In addition, these laryngoscopes are fabricated from a single piece of medical stainless steel. This "one-piece" construction eliminates any blade failures due to poor manufacture (failing solder joints), and results in a blade roughly half the weight of any other manufacturer's blade.

We've also recently introduced our first new complete line of laryngoscope blades. Our new E-MacIntosh series is based upon the style of the MacIntosh blade with some design and configuration changes. This line of blades is the direct result of input from users of our instruments, and is geared toward meeting their performance specifications.

Quality has always been the cornerstone of Welch Allyn's foundation, and it will continue to be our driving force in the future. If you have any questions, concerns, or ideas—we'll listen.



MacIntosh Laryngoscopes

MacIntosh Halogen Fiber Optic

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.

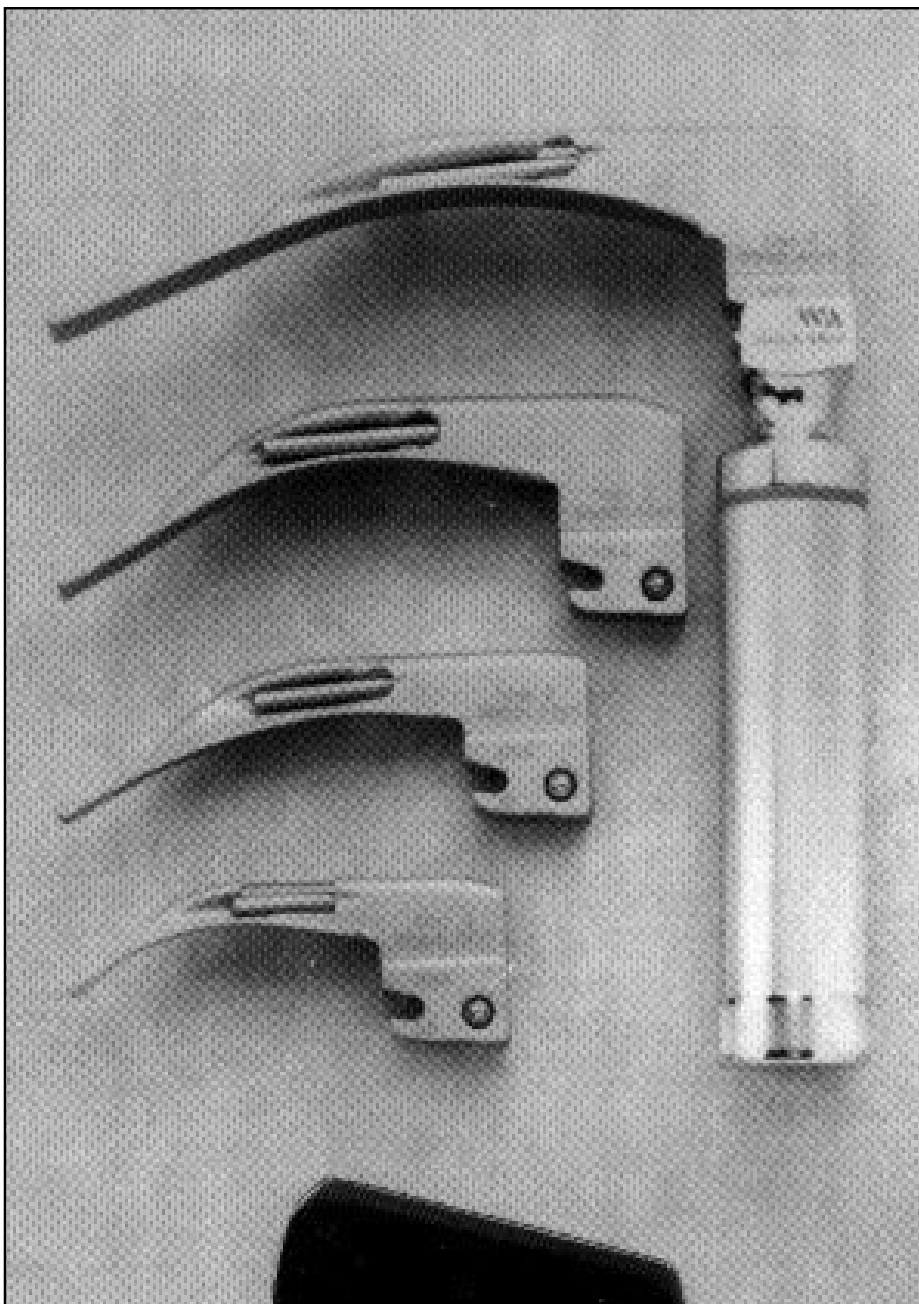
The second article, published in 1942 by W. H. Cassels, discussed the importance of the curve, provided by the Miller blade, in compression of the epiglottis. These earlier blades helped to inspire the MacIntosh blade, a design that incorporates a gentle, continuous curve from the tip to the proximal 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.

Fiber Optic

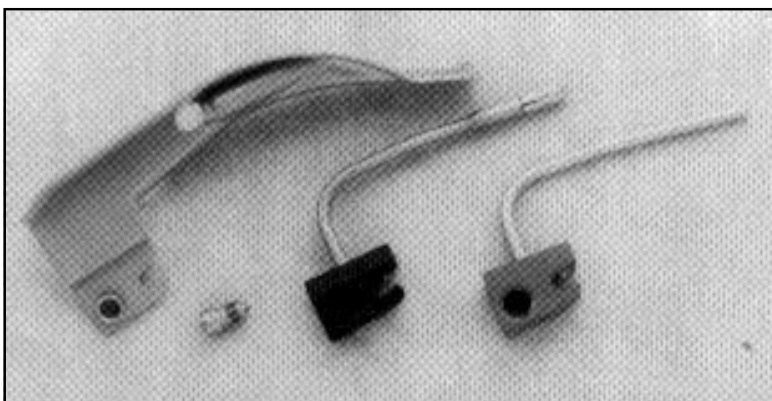
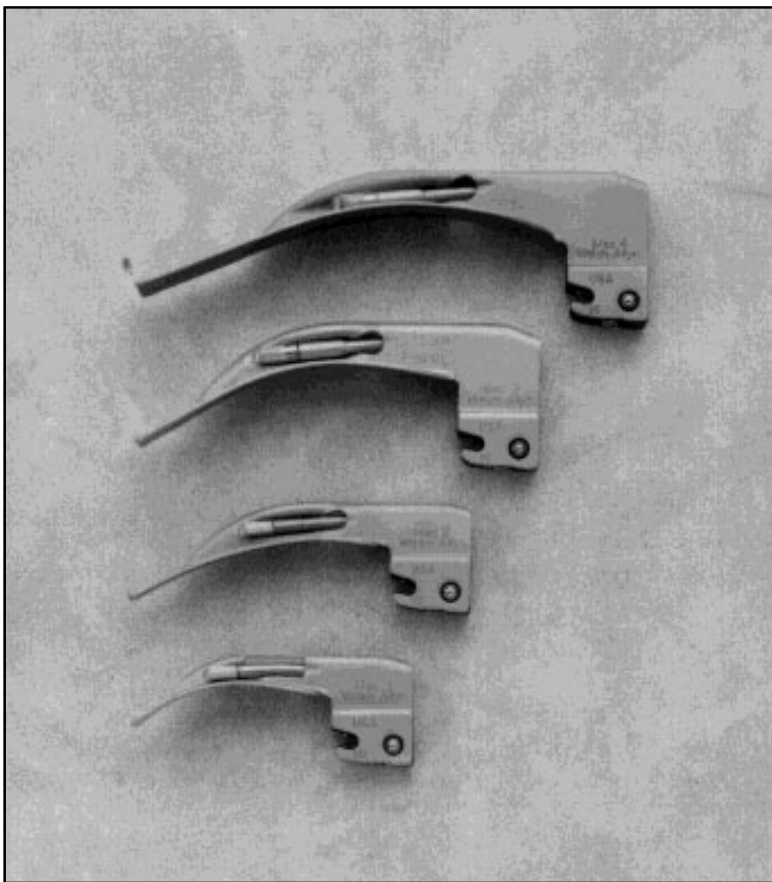
Catalog No.	Blade Size	Overall Length	Length Inside Base To Tip
69061	1	89 mm	63 mm
69062	2	108 mm	82 mm
69063	3	126 mm	101 mm
69064	4	160 mm	135 mm

Dimensions are approximate.



This complete set of MacIntosh laryngoscope blades with medium and small handles can be found on pages 14 and 15.

MacIntosh Standard



Both the standard and fiber optic MacIntosh blades share the same stainless steel design. As a result, conversion from standard (lamp) to fiber optic illumination is achieved by simply removing the connecting screw and changing the light pathway.

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

Standard (Lamp)

Catalog No.	Blade Size	Overall Length	Length Inside Base to Tip	Replacement Lamp
69041	1	89 mm	63 mm	04700
69042	2	108 mm	82 mm	04700
69043	3	126 mm	101 mm	04800
69044	4	160 mm	135 mm	04800

Actual size lamps are shown on inside back cover. Dimensions are approximate.

E-MacIntosh Laryngoscopes

E-MacIntosh Fiber Optic

E-MacIntosh blades, or “English”-MacIntosh, are the most popular style of laryngoscope blade outside of the United States. Their design, although based heavily upon the original MacIntosh blade, differs in several aspects. First, the curve of the E-Macs are 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 introduction of the Miller laryngoscope in 1941.

new photo

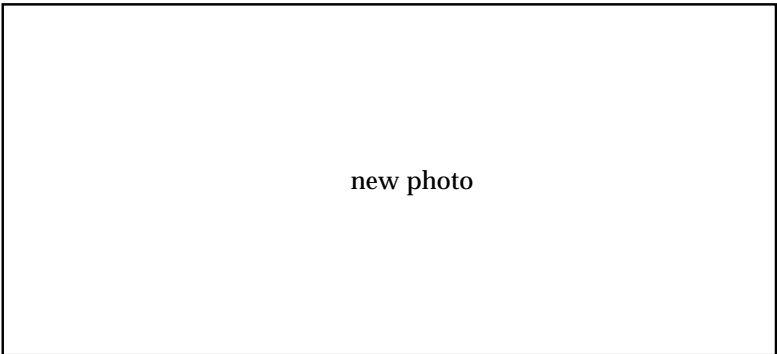
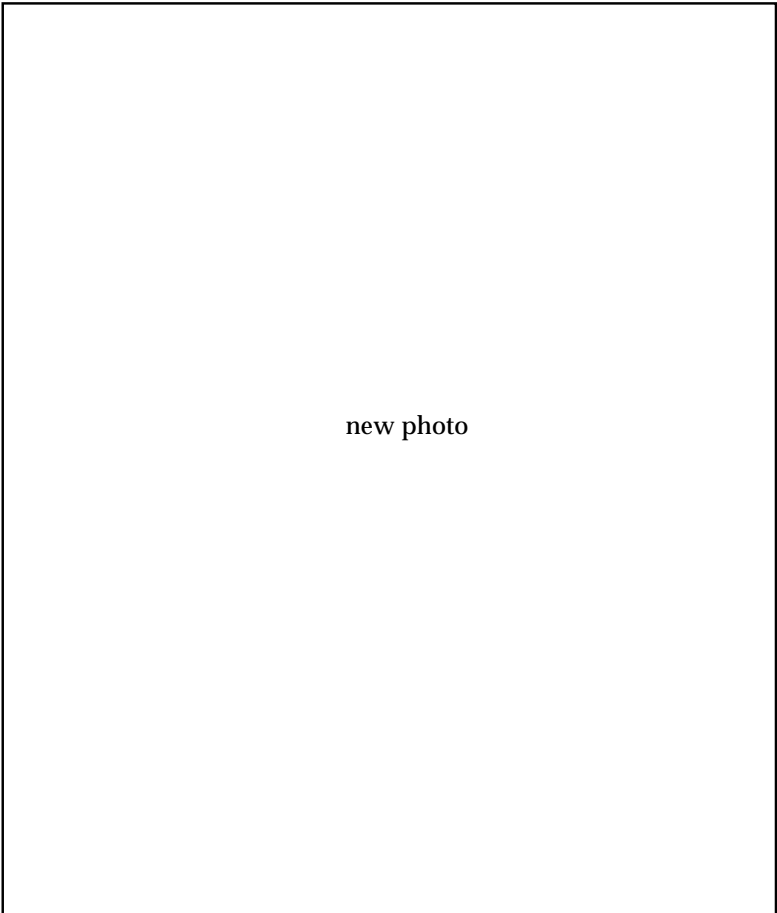
Fiber Optic

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

Dimensions are approximate.

This complete set of E-Mac laryngoscope blades with medium and small handles can be found on pages 12 and 13.

E-MacIntosh Standard



E-MacIntosh 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.** Increased length, reduced profile and continual curve helps to achieve successful intubations in even the most difficult patients.
- **One-piece construction.** Single-piece stainless steel blade ensures blade integrity (no soldered joints).
- **Halogen illumination.** Our fiber optic blades feature halogen lamps for true tissue color and consistent, long-lasting illumination.

Standard (Lamp)

Catalog No.	Blade Size	Overall Length	Length Inside Base to Tip	Replacement Lamp
69241	1	95 mm	70 mm	04700
69242	2	116 mm	90 mm	04700
69243	3	135 mm	110 mm	04800
69244	4	156 mm	130 mm	04800

Actual size lamps are shown on inside back cover. Dimensions are approximate.

Both the standard and fiber optic E-MacIntosh blades share the same stainless steel design. As a result, conversion from standard (lamp) to fiber optic illumination is achieved by simply removing the connecting screw and changing the light pathway.

Miller Laryngoscopes

Miller Halogen Fiber Optic

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 2" 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.

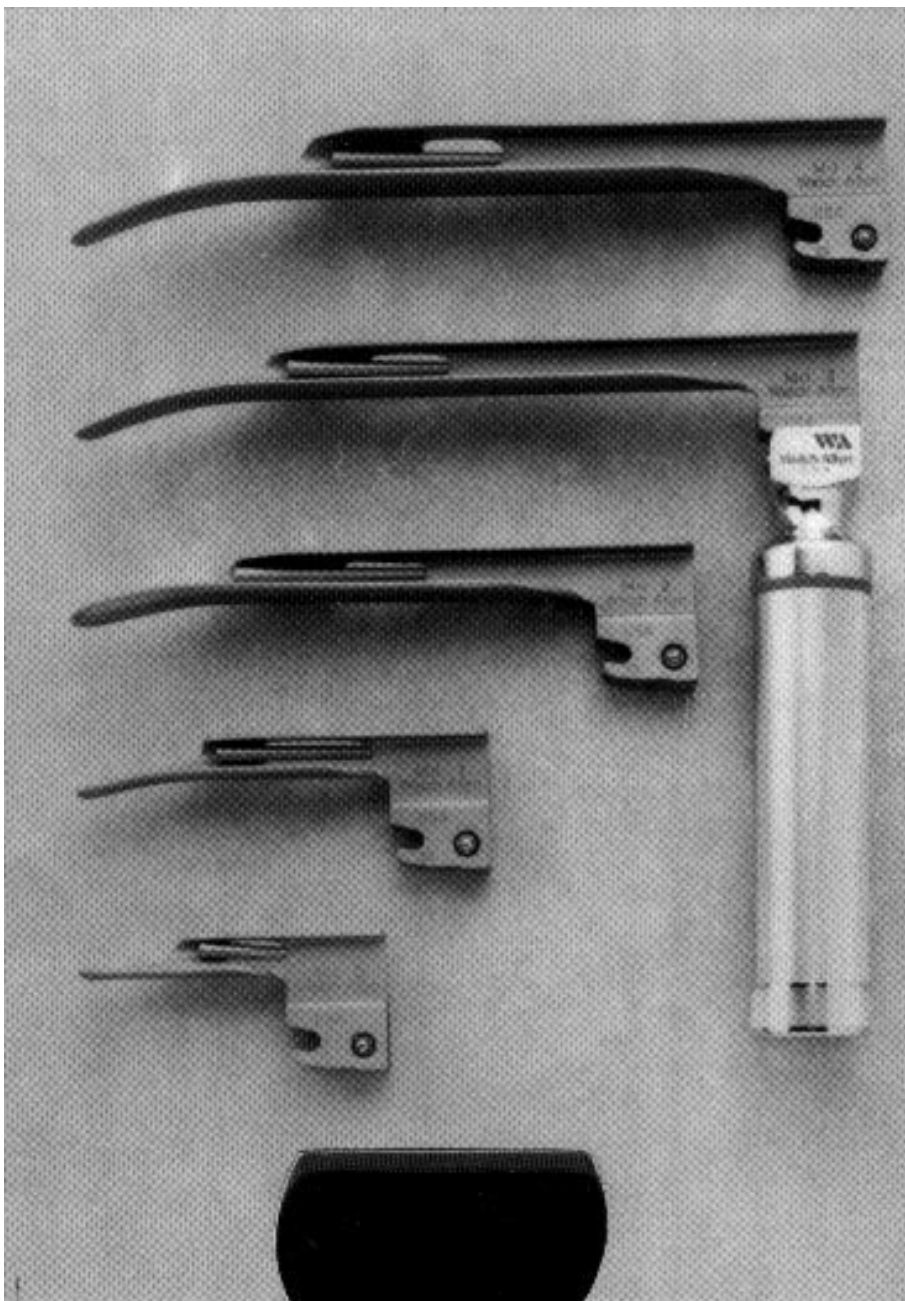
Finally, the tongue or base of the Miller blade was rounded to prevent pushing the tongue into the floor of the mouth.

In 1990, Welch Allyn modified the Miller blade to improve its functionality and field of view. First, the base or tongue of the blade was flattened so that the tongue could 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. This resulted in a larger field of view.

Fiber Optic

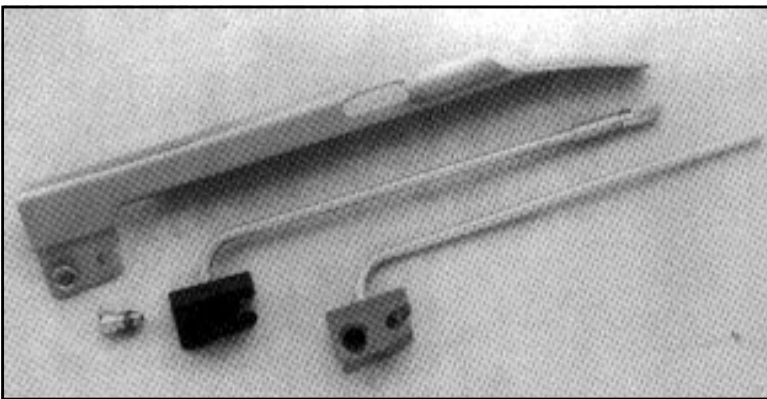
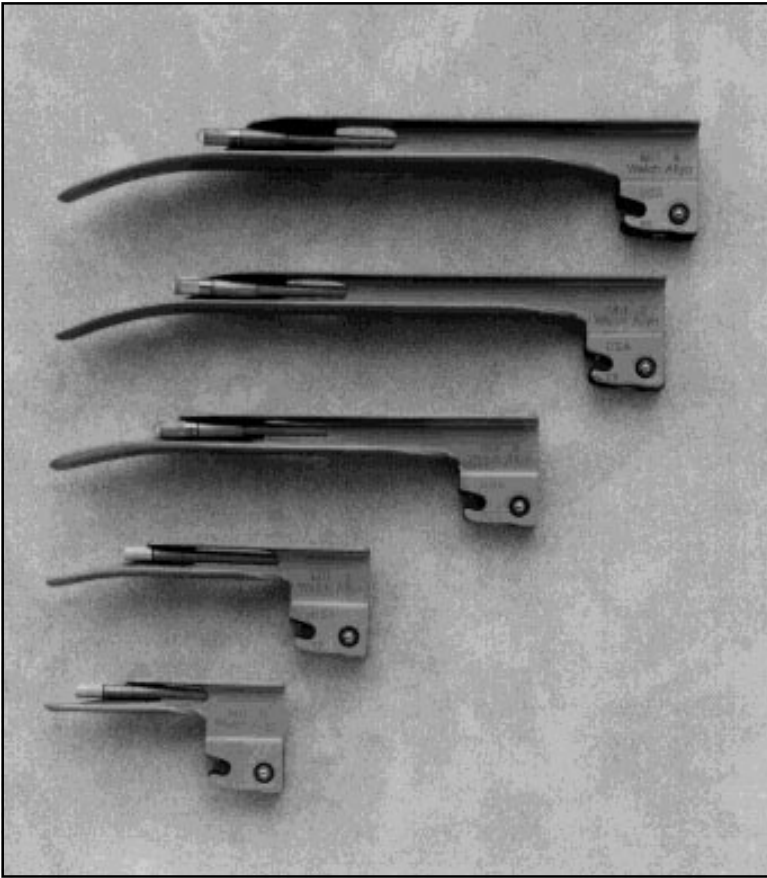
Catalog No.	Size	Inside Vertical Measure	Length Inside Base To Tip
68060	0	8 mm	53 mm
68061	1	8 mm	79 mm
68062	2	10 mm	132 mm
68063	3	11 mm	172 mm
68064	4	13 mm	182 mm

Dimensions are approximate.



This complete set of Miller laryngoscope blades with medium and small handles can be found on pages 14 and 15.

Miller Standard



Both the standard and fiber optic Miller blades share the same stainless steel design. As a result, conversion from standard (lamp) to fiber optic illumination is achieved by simply removing the connecting screw and changing the light pathway.

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.** Increased cross-sectional area enlarges field of view.
- **One-piece construction.** Single-piece stainless steel blade ensures blade integrity (no soldered joints).
- **Halogen illumination.** Our fiber optic blades feature halogen lamps for true tissue color and consistent, long-lasting illumination.

Standard (Lamp)

Catalog No.	Blade Size	Inside Vertical Measure	Length Inside Base to Tip	Replacement Lamp
68040	0	8 mm	53 mm	04700
68041	1	8 mm	79 mm	04700
68042	2	10 mm	132 mm	04800
68043	3	11 mm	172 mm	04800
68044	4	13 mm	182 mm	04800

Actual size lamps are shown on inside back cover. Dimensions are approximate.

Flagg & Guedel Laryngoscopes

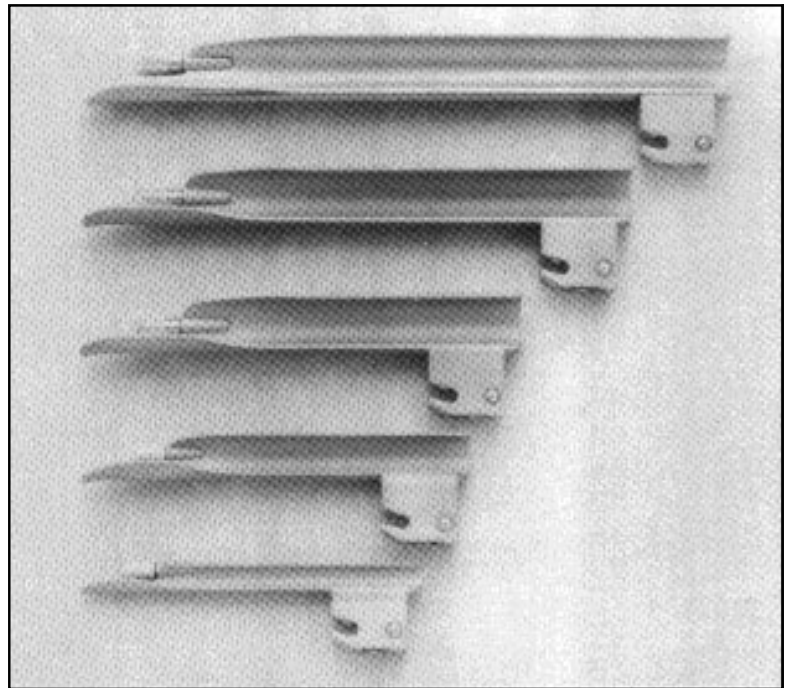
Standard Flagg

Flagg

The Flagg blades are a traditional style with a "C" shaped cross-section. This is probably a carry-over from the rigid bronchoscopes from which the first laryngoscopes were derived. The tip has a small curve, and the width of the blade gradually decreases from proximal to distal end. The Flagg is the precursor of the traditional Miller blade and was originally designed for intubation of Flagg catheters and tubes.

Catalog No.	Blade Size	Inside Vertical Measure	Length Inside Base to Tip	Replacement Lamp
63470	0	6 mm	75 mm	04700
63471	1	11.5 mm	88 mm	04700
63482	2	13 mm	102 mm	04800
63483	3	13 mm	135 mm	04800
63484	4	13.5 mm	165 mm	04800

Dimensions are approximate..



Standard Guedel

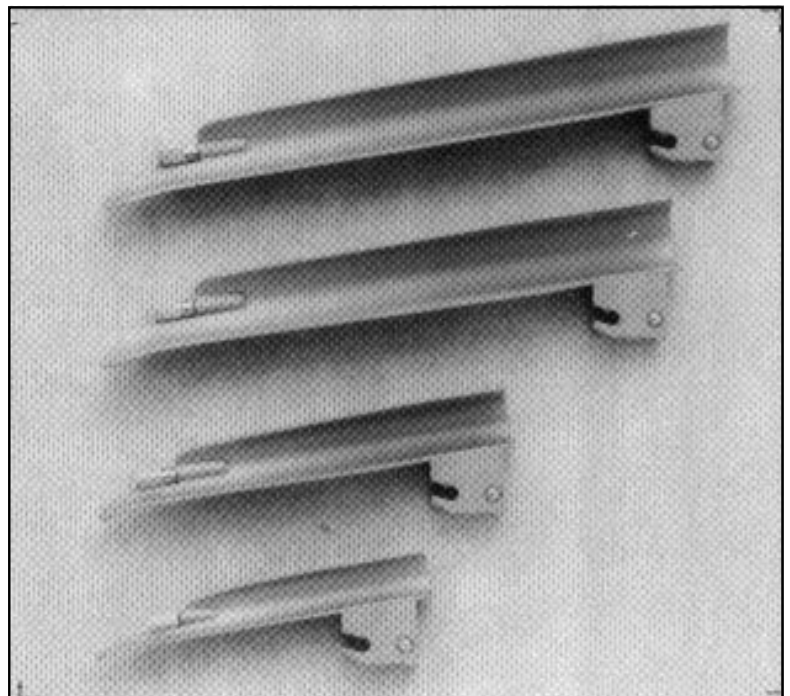
Guedel

The Guedel blade is another original straight blade that has been modified by angling the blade 28° on its base toward the handle.

This helps to promote lifting without using the teeth as a fulcrum. The Guedel blade was one of the first blades designed specifically for use with cuffed endotracheal tubes. The distal tip has slightly more angulation than the Flagg to assist in compression of the epiglottis.

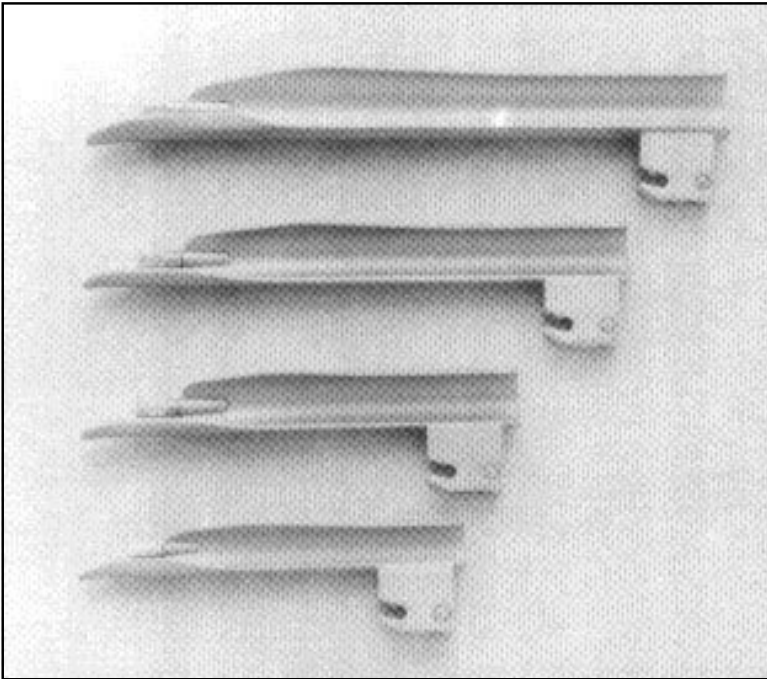
Catalog No.	Blade Size	Inside Vertical Measure	Length Inside Base to Tip	Replacement Lamp
66471	1	12 mm	75 mm	04700
66482	2	16 mm	98 mm	04800
66483	3	19 mm	148 mm	04800
66484	4	19 mm	165 mm	04800

Actual size lamps are shown on inside back cover. Dimensions are approximate.



Wisconsin & Expendable Laryngoscopes

Standard Wisconsin

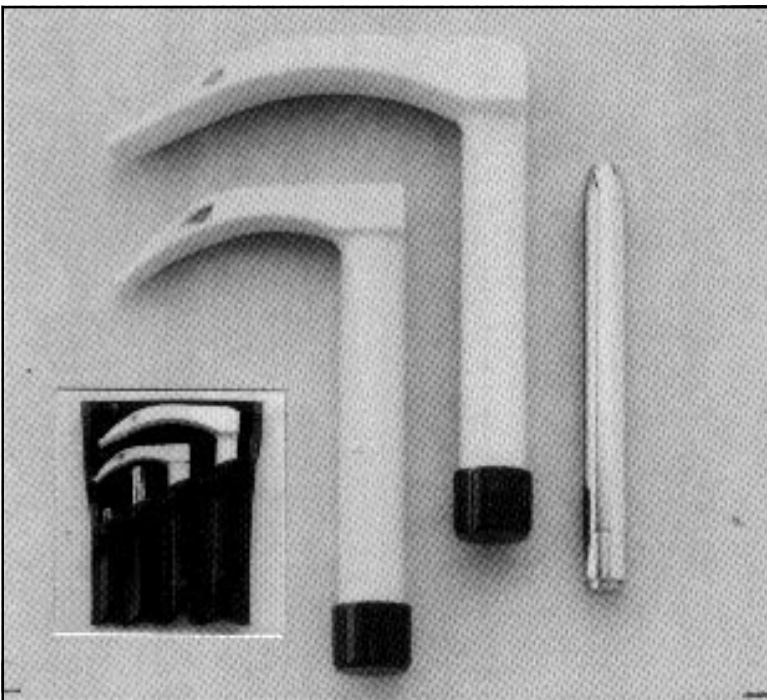


Wisconsin

The Wisconsin blade is similar in design to the Flagg with one exception—the height of the blade increases from proximal to distal ends. This feature helps to prevent dental trauma (reduced proximal height) while providing an enlarged field of view (increased distal height). Distally, the tongue of the blade is wider and wrapped around on the right side to help in “lifting” the epiglottis.

Catalog No.	Blade Size	Inside Vertical Measure	Length Inside Base to Tip	Replacement Lamp
67471	1	11.5 mm	88 mm	04700
67482	2	13 mm	102 mm	04800
67483	3	13 mm	135 mm	04800
67484	4	14 mm	165 mm	04800

Dimensions are approximate.



*Complete kit with case.
Catalog No. 69090*

Expendable

Our expendable laryngoscope blades are ideal for emergency rooms, ambulances, emergency bags, field hospitals and doctors' offices—wherever a low cost, dependable laryngoscope is needed. Designed to mimic the MacIntosh blade, expendable laryngoscopes are available in two sizes. Available in kit form which includes large blade, small blade, illuminator, two “AA” batteries and carrying case. Individually wrapped replacement specula may also be ordered in boxes of ten.

Catalog No.	Description
69090	Complete kit (large and small blades, illuminator, batteries, case)
56901	Expendable laryngoscope - small; box of 10 Ea. (77.5 mm length x 18.2 mm width)
56903	Expendable laryngoscope - large; box of 10 Ea. (123 mm length x 25.7 mm width)
60500	Reusable illuminator (utilizes two “AA” batteries)
05569	Carrying case
03600	Replacement lamp

*Actual size lamps are shown on inside back cover.
Dimensions are approximate.*

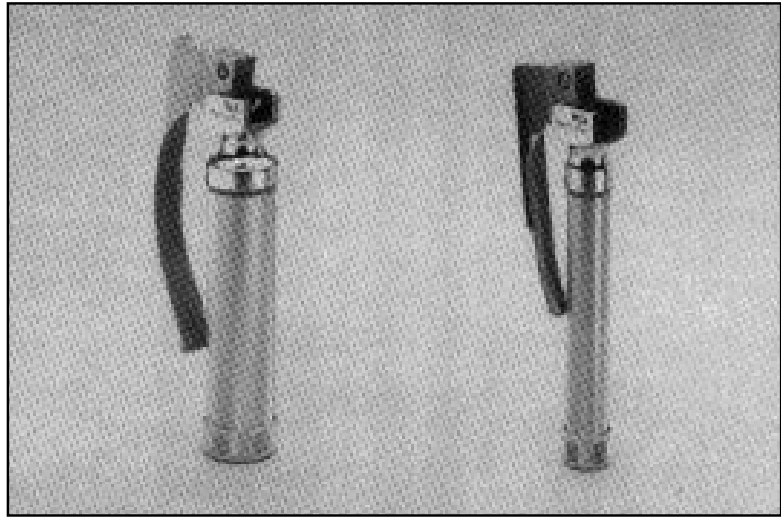
Fiber Optic Laryngoscope Handles

Lightweight Battery Handles

Redesigned to reduce total weight, Welch Allyn's new 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
06000	Halogen replacement lamp

Fiber Optic Halogen Handles

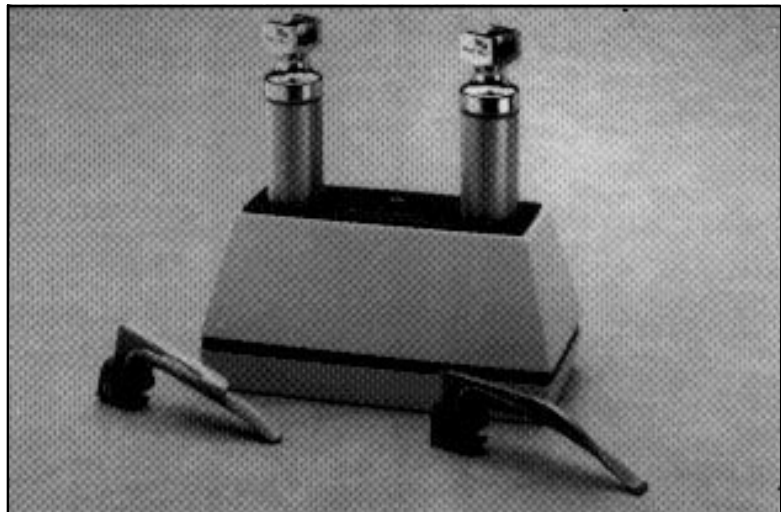


Rechargeable Handles

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 2.5v recyclable* nickel-cadmium battery that is guaranteed for two years.

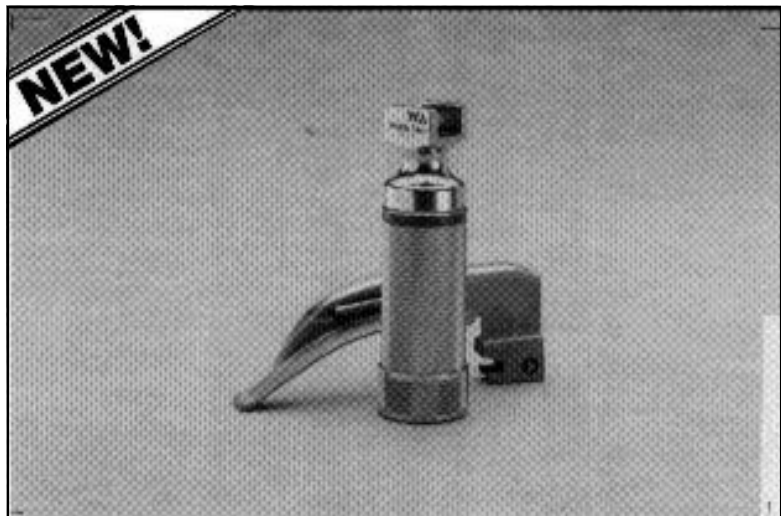
Catalog No.	Description
60713	Rechargeable 2.5v fiber optic handle only, UL listed, CSA certified
71110	Charger only, 110-130v, 50/60Hz, UL listed, CSA certified
71105	Same as No. 71110 but export (specify country and voltage) conforms to IEC 601-1, 220-250v, 50/60Hz
06000	Halogen replacement lamp
72000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



Stubby Handle

The reduced length of the stubby handle facilitates difficult intubations on short-necked, barrel chested patients. It is particularly effective in obstetric cases in which the reduced distance between the mouth and chest prohibits the use of a standard length handle. Handle operates with two "AA" size batteries.

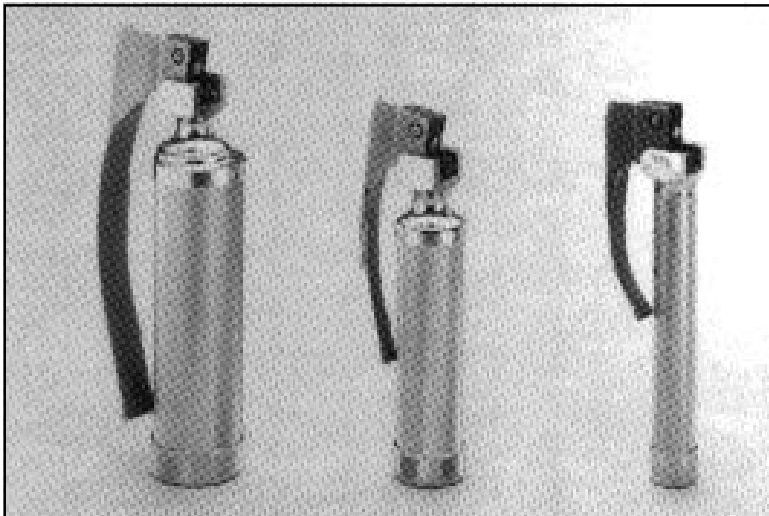
Catalog No.	Description
60815	Fiber optic stubby handle
06000	Halogen replacement lamp



* 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

Standard Laryngoscope Handles

Standard Handles



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

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, 110v, UL listed, CSA certified
60710	Rechargeable 2.5v 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, 220-250v, 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, 220-250v, 50/60 Hz
72000	Nickel-cadmium rechargeable battery (color-coded red)



Stubby Handle

The reduced length of the stubby handle facilitates difficult intubations on short-necked, barrel chested patients. It is particularly effective in obstetric cases in which the reduced distance between the mouth and chest prohibits the use of a standard length handle. Handle operates with two "AA" size batteries.

Catalog No.	Description
60305	Standard stubby handle

* 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

Laryngoscope Sets

Fiber Optic 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 new "AA" and "C" battery cell 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

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

**Standard
MacIntosh,
E-MacIntosh
and Miller**

Standard sets not pictured.

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.

**Standard Sets
(Lamp)**

Catalog No.	Description
MacIntosh	
69096	Standard MacIntosh set includes blade sizes #1, #2, #3, #4, No. 60300 "C" cell battery handle, No. 60400 "AA" cell battery handle, and case No. 05691
05691	MacIntosh set, compact zippered case
Miller	
68096	Standard Miller set includes blade sizes #0, #1, #2, #3, #4, No. 60300 "C" cell battery handle, No. 60400 "AA" cell battery handle and case No. 05681
05681	Miller set, compact zippered case
E-MacIntosh	
69097	Standard E-MacIntosh set includes blade sizes #1, #2, #3, #4, No. 60300 "C" cell battery handle, No. 60400 "AA" cell battery handle, and case No. 05791
05791	E-MacIntosh set, compact zippered case

Fiber optic sets pictured.

Universal Laryngoscope Sets

MacIntosh and Miller

Welch Allyn has assembled the four most commonly used laryngoscope blades (MacIntosh #3, #4, and Miller #0, #2) with your choice of any two handles ("AA", "C", or stubby) producing a set that is adaptable to most emergency intubations. Ideal for crash carts, emergency rooms, and O.R. suites, these sets are ready for any unforeseen situation.

Set numbers indicate different handle combinations as noted.

new photo
Macintosh and Miller

Fiber Optic

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

Standard

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

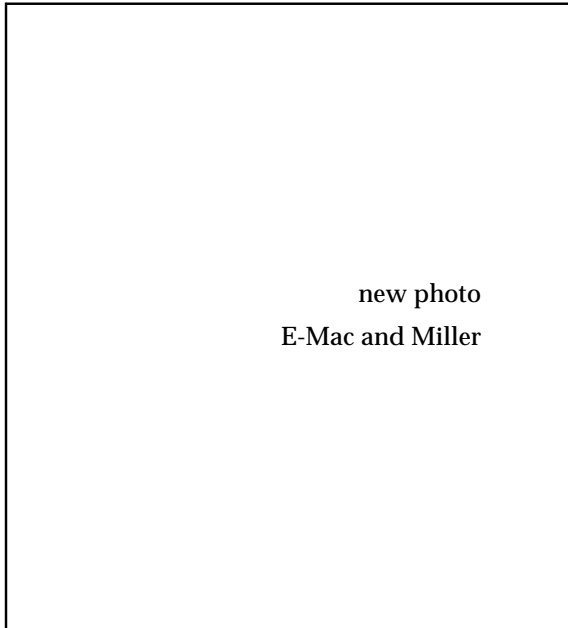
Custom Sets

(MacIntosh & Miller)

If any of the complete, mixed Macintosh and Miller sets above don't quite fulfill your application need, customize your own set. Our universal case (No. 05700) has been designed to fit up to five MacIntosh/Miller blades and a handle(s). Simply, review the chart to determine which spaces will be filled with which blade/handle, and order handle(s) blade(s) case separately to customize your own set.

Spaces accommodate the following instruments:

- Space #1: MacIntosh #4 or Miller #4 or Miller #3 or "C" cell handle or "AA" cell handle
- Space #2: Miller #2 or MacIntosh #4 or MacIntosh #2
- Space #3: MacIntosh #2 or Miller #2 or MacIntosh #3
- Space #4: Miller #1 or MacIntosh #3 or Miller #3
- Space #5: Miller #0 or Miller #1 or MacIntosh #1
- Space #6: Any handle ("C" cell or "AA" cell or stubby)



new photo
E-Mac and Miller

New E-MacIntosh and Miller

Welch Allyn offers for the first time a laryngoscope set that incorporates both E-Mac and Miller blades. Both fiber optic and standard sets come complete with four blades (E-Mac #3, #4, and Miller #0, #2) and your choice of any two handles ("AA", "C" or stubby). Ideal for crash carts and O.R. suites.

If any of these sets don't quite fill your specific need, customize your own. Simply refer to the information listed below for a detailed explanation.

Fiber Optic

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

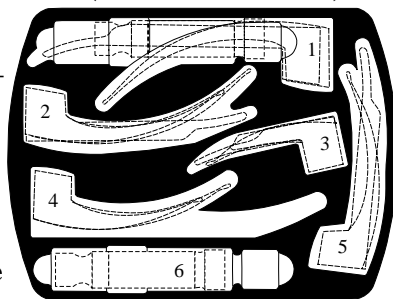
Standard

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

Custom Sets

(E-MacIntosh & Miller)

If any of the complete, mixed E-Macintosh and Miller sets above don't quite fulfill your application need, customize your own set. Our universal case (No. 05701) has been designed to fit up to five E-MacIntosh/Miller blades and a handle(s). Simply, review the chart to determine which spaces will be filled with which blade/handle, and order handle(s) blade(s) case separately to customize your own set.



Spaces accommodate the following instruments:

- Space #1: Miller #3 or E-MacIntosh #4 or "C" cell handle or "AA" cell handle
- Space #2: E-MacIntosh #3 or E-MacIntosh #4 or Miller #2
- Space #3: E-MacIntosh #1 or Miller #0 or Miller #1
- Space #4: E-MacIntosh #2 or E-MacIntosh #3
- Space #5: E-MacIntosh #3 or Miller #2
- Space #6: Any handle ("C" cell or "AA" cell or stubby)

Laryngoscope Sets

Portable

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

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

Standard (Lamp)

(not pictured)

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

More Information About Our Products

Replacement Lamps for Blades (Pages 5-7)

Catalog No.	Actual Size	MacIntosh (Page 3)	Miller (Page 5)	E-MacIntosh (Pages 12-13)	Flagg (Page 6)	Guedel (Page 6)	Wisconsin (Page 7)
04700		69041 69042	68040 68041	69241 69242	63470 63471	66471	67471
04800		69043 69044	68042 68043	69243 69244	63482 63483	66482 66483	67482 67483

Replacement Lamp for the Expendable Illuminator (Page 11)

Catalog No.	Actual Size	Reusable Illuminator
03600		60500

Replacement Lamps for Fiber Optic Handles (Page 12)

Catalog No.	Actual Size	Lightweight Battery Handles	Rechargeable Handle	Stubby Handle
06000		60813 60814	60713	60815

For information on replacement lamps for obsolete Welch Allyn laryngoscopes, please refer to our diagnostic instrument catalog or call Welch Allyn customer service (315) 685-4560.

Replacement Parts for Light Pipe Assemblies

Fiber Optic	Blade Size	Light Pipe Assembly
Macintosh (Page 2)	1	690061-1
	2	690062-1
	3	690063-1
	4	690064-1
E-MacIntosh (Page 4)	1	692016-1
	2	692017-1
	3	692018-1
	4	692019-1
Miller (Page 6)	0	680060-1
	1	680061-1
	2	680062-1
	3	680063-1
	4	680064-1

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

Standard	Blade Size	Light Pipe Assembly
Macintosh (Page 3)	1	690411-1
	2	690411-2
	3	690411-3
	4	690411-4
E-MacIntosh (Page 5)	1	692046-1
	2	692046-2
	3	690411-7
	4	690411-8
Miller (Page 7)	0	680400-1
	1	680400-2
	2	680400-3
	3	680400-4
	4	680400-5

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

The following Welch Allyn locations serve our worldwide network of distributors:

Welch Allyn, Inc.
4341 State Street Road
P.O. Box 220
Skaneateles Falls, NY 13153-0220
U.S.A.
Telephone: 315-685-4100

Tycos Instruments, Inc.
95 Old Shoals Road
Arden, North Carolina 28704-9739
U.S.A.
Telephone: 704-684-4895
Fax: 704-687-1002

Welch Allyn, Inc.
7324 S.W. 48th Street
Miami, Florida 33155-5523
U.S.A.
Telephone: 305-666-8337
Fax: 305-666-8503

Welch Allyn Canada Ltd.
160 Matheson Blvd. East
Mississauga, Ontario
Canada L4Z 1V4
Telephone: 416-890-0004
Fax: 416-890-0008

Welch Allyn Ireland
Kells Road
Navan, County Meath
Ireland
Telephone: 011-353-4628122
Fax: 011-353-4628536

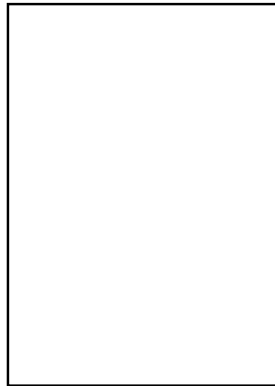
Welch Allyn UK Ltd.
Aston Abbotts
Buckinghamshire HP22 4ND
United Kingdom
Telephone: 011-44-296-682140
Fax: 011-44-296-682104

Speidel and Keller GmbH & Co.
Postfach 31
D-7455 Jungingen
Germany
Telephone: 011-49-7477 1091
Fax: 011-49-7477 1095

Welch Allyn GmbH
Taunusstrasse 12
D-6238 Wallau
Germany
Telephone: 011-49-6122-76001
Fax: 011-49-6122-76007

Welch Allyn Hong Kong, Ltd.
Unit 17, 12th Floor
Wah Yiu Industrial Centre
30-32 Au Pui Wan Street
Fo Tan Shatin, Hong Kong
Telephone: 011-852-6021630
Fax: 011-852-6021523

Welch Allyn Australia
130 Flinders Street
Darlinghurst N.S.W. 2010
Australia
Telephone: 011-61-2360-2645
Fax: 011-61-2331-7708



We welcome your questions, comments and ideas.
Please call 1-800-535-6663 and ask for a
representative of the Endoscopy Group.



Medical Division
Welch Allyn, Inc.
4341 State Street Road
P.O. Box 220
Skaneateles Falls, NY 13153-0220
Telephone: (315) 685-4560
FAX: 315-685-3361