

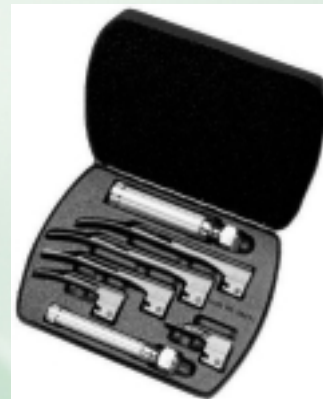
# LARYNGOSCOPES

## 110 Laryngoscopes

*Our superior laryngoscope design is stronger, safer, upgradeable, and lower in cost over the life of the instrument. You won't find our features in any other design, making Welch Allyn the smart choice for superior performance, value, and service.*

## 118 Intubating Fiberscopes

*Our Intubating Fiberscope combines industry-leading features, superior optics, and the highest quality lighting, providing the perfect instrument for facilitating challenging intubations. Feel confident with the FL-100 at your side.*



# Fiber Optic Laryngoscope Blades

*Welch Allyn laryngoscopes: The smart choice.*

The smart choice in laryngoscopes — Welch Allyn. The removable, repolishable light pipes make these the longest-lasting fiber optic laryngoscope blades in the world. Pick the smart choice in laryngoscopes — Welch Allyn.

## Features

- Removable, repolishable light pipes make these the longest-lasting fiber optic laryngoscope blades in the world.
- Welch Allyn provides free repolishing service.
- Repairable, allowing replacement of damaged light pathways for a fraction of the cost of a replacement blade.
- Single-piece stainless steel blades ensure blade integrity (no soldered joints).

## Model Numbers

### MacIntosh Fiber Optic Blades

Model	Blade Size	Overall 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

### English MacIntosh Fiber Optic Blades

Model	Blade Size	Overall 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

### Miller Fiber Optic Blades

Model	Blade Size	Inside Vertical	Inside Base to Tip
68065	#00	8 mm	37 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

## Warranty

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.

## Approvals

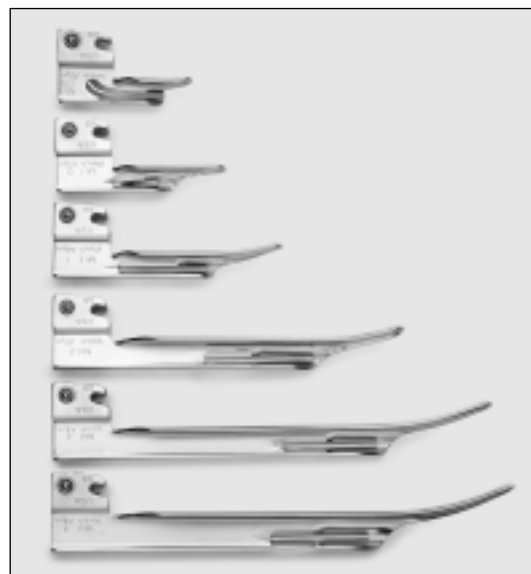
CE approved.



MacIntosh Fiber Optic Blades



English MacIntosh Fiber Optic Blades



Miller Fiber Optic Blades

# Fiber Optic Laryngoscope Handles

*Featuring our new HPX™ illumination system.*

Welch Allyn laryngoscope handles produce more light than any other system available. Using a patented blend of halogen and xenon gases under high pressure, the HPX™ lamp, combined with our new low-impedance lamp cartridge, provides the brightest and whitest light available in a laryngoscope system.

## Features

- HPX™ Technology provides the whitest and brightest light in the industry.
- HPX™ light provides true tissue color and consistent, long-lasting illumination.
- Single HPX lamp cartridge design used across all sizes of 2.5v handles.
- Redesigned to reduce total weight, Welch Allyn's handles are up to 40% lighter than our previous design, which means increased responsiveness and maneuverability.
- Knurled texture ensures a secure grip.

## Model Numbers

### Lightweight Fiber Optic HPX™ Handle

Model	Description
60813	2.5v Medium, uses two C size batteries
60814	2.5v Penlight, uses two AA size batteries
60815	2.5v Stubby, uses two AA size batteries
608125-501	2.5v HPX™ Gold Lamp Cartridge Assembly
608107	Switch Plunger/Lamp Shield
06000	2.5v HPX™ Replacement Lamp

### 2.5v Rechargeable Fiber Optic HPX™ Handle

Model	Description
60713	2.5v Handle only
71140*	Charger only, 110-130v, 50/60 Hz
72000	2.5v Nickel-cadmium rechargeable battery
608125-501	2.5v HPX™ Gold Lamp Cartridge Assembly
608107	Switch Plunger/Lamp Shield
06000	2.5v HPX™ Replacement Lamp

### 3.5v Rechargeable Fiber Optic HPX™ Handle

Model	Description
60835	3.5v Handle only
71140	Charger only, 110-130v, 50/60 Hz
72200	3.5v Nickel-cadmium rechargeable battery
608351-501	3.5v HPX™ Gold Lamp Cartridge Assembly
608107	Switch Plunger/Lamp Shield
00300	3.5v HPX™ Replacement Lamp

## Warranty

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\*For appropriate product number outside of U.S.A., please advise country and voltage required when ordering.



Fiber Optic Laryngoscope Handles



608125-501 HPX™ Lamp Cartridge Assembly



3.5v Rechargeable Fiber Optic Handle

## Fiber Optic Laryngoscope Sets

*Welch Allyn laryngoscopes: The smart choice.*

Welch Allyn laryngoscopes are the smart choice for superior performance, value, and service. Welch Allyn engineers have responded to customers' suggestions with a unique laryngoscope design that is stronger, safer, upgradeable and lower cost over the life of the instrument. In an ongoing effort to meet or exceed customer requirements, we adhere to the fundamental principle that "form follows function." In doing so, Welch Allyn laryngoscopes have evolved design features that cannot be found in any other brand.

### Features

- Single-piece stainless steel construction ensures blade integrity.
- Comes with a removable light pipe and smooth surface design.
- Free fiber optic re-polishing service ensures long life.
- Blades are upgradeable and repairable at a fraction of the cost of a replacement blade.

### Model Numbers

#### Fiber Optic Sets with Case

Model	Blades	Handles	Case
69696	Mac. #1, 2, 3, and 4	Medium and Penlight	05691
69697	E-Mac. #1, 2, 3, and 4	Medium and Penlight	05791
68696	Miller #0, 1, 2, 3, and 4	Medium and Penlight	05681

#### Popular Mixed Blade Style Fiber Optic Sets with Case

Model	Blades	Handles
65121	Miller #0 and 2, Mac. #3 and 4	Medium and Penlight
65122	Miller #0 and 2, Mac. #3 and 4	Medium and Stubby
65123	Miller #0 and 2, Mac. #3 and 4	Stubby and Penlight
65124	Miller #0 and 2, E-Mac. #3 and 4	Medium and Penlight
65125	Miller #0 and 2, E-Mac. #3 and 4	Medium and Stubby
65126	Miller #0 and 2, E-Mac. #3 and 4	Stubby and Penlight

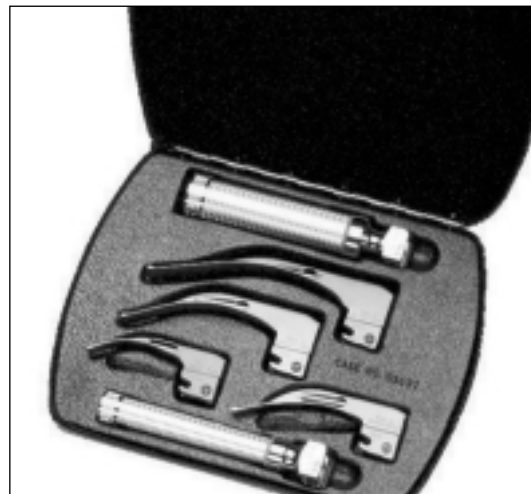
#### Portable Fiber Optic Sets

Sets include a choice of two blades options, two handle options, and a soft vinyl case. The blade options are for small to medium and medium to large size patients.

Model	Blades	Handle
65101	Mac #3, Miller #0, Miller #2	Medium
65102	Mac #3, Miller #0, Miller #2	Penlight
65103	Mac #3, Mac #4	Medium
65104	Mac #3, Mac #4	Penlight
05620	Portable case only, soft vinyl zippered	

### Warranty

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.



MacIntosh Laryngoscope Blades with Medium and Penlight Handles (69696)



E-Mac Laryngoscope Blades with Medium and Penlight Handles (69697)



Miller Laryngoscope Blades with Medium and Penlight Handles (68696)

# Standard (Lamp) Laryngoscope Blades

*Welch Allyn laryngoscopes: The smart choice.*

The smart choice in laryngoscopes. The reduced blade weight improves the balance and maneuverability for even the toughest intubations.

## Features

- Blades easily convert from lamp to fiber optic illumination, making upgrading economical (Mac, E. Mac, and Miller only).
- Repairable, allowing replacement of damaged electrical components for a fraction of the cost of a replacement blade (Mac, E. Mac, and Miller only).
- Single-piece stainless steel blades ensure blade integrity (no soldered joints) (Mac, E. Mac, and Miller only).
- Flagg, Guedel, and Wisconsin profiles are of the traditional cast design.

## Model Numbers

### MacIntosh Standard (Lamp) Blades

Model	Blade Size	Overall 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

### English MacIntosh Standard (Lamp) Blades

Model	Blade Size	Overall 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

### Miller Standard (Lamp) Blades

Model	Blade Size	Inside Vertical	Inside Base to Tip	Replacement Lamp
68045	#00	8 mm	36 mm	04700
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

### Flagg Standard (Lamp) Blades

Model	Blade Size	Inside Vertical	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



MacIntosh, English MacIntosh, and Miller Blades



Flagg, Guedel, and Wisconsin Blades

*Guedel Standard (Lamp) Blades*

<u>Model</u>	<u>Blade Size</u>	<u>Inside Vertical</u>	<u>Inside Base to Tip</u>	<u>Replacement Lamp</u>
66471	#1	12 mm	75 mm	04700
66482	#2	16 mm	98 mm	04800
66483	#3	16 mm	148 mm	04800
66484	#4	19 mm	165 mm	04800

*Wisconsin Standard (Lamp) Blades*

<u>Model</u>	<u>Blade Size</u>	<u>Inside Vertical</u>	<u>Inside Base to Tip</u>	<u>Replacement Lamp</u>
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

# Standard Laryngoscope Handles

*Built to last.*

Solid sturdy handles built to last. Comfortable grip and finish to enhance the use of the laryngoscope — an advantage in the OR. A Welch Allyn quality product.

## Features

- This universal design allows the handle to accept any ASTM standard blade.
- Crafted from durable chrome-plated brass; knurled finish for sure grip.

## Model Numbers

### Standard Handles

Model	Description
60200	Large, uses two D size batteries
60300	Medium, uses two C size batteries
60400	Penlight, uses two AA size batteries
60305	Stubby, uses two AA size batteries

### Rechargeable Standard Handles

Model	Description
60715*	Rechargeable handle and transformer 110-130v, 50/60 Hz
60710	Handle only, 2.5v
71040*	Transformer only, 110-130v, 50/60 Hz
72000	Nickel-cadmium rechargeable battery

## Warranty

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.

\*For appropriate product number outside of U.S.A., please advise country and voltage required when ordering.



Standard Laryngoscope Handles



Model 60715 Rechargeable Handle

## Standard Laryngoscope Sets

(Offered only in U.S.A. and other selected countries)

*Welch Allyn laryngoscopes: The smart choice.*

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### Features

- Single-piece stainless steel construction ensures blade integrity.
- Comes with a removable light pipe and smooth surface design.
- Blades are upgradeable to fiber optic and repairable at a fraction of the cost of a replacement blade.

### Model Numbers

#### Specific Blade Style Standard Sets (Lamp)

Model	Blades	Handles	Case
69096	Mac. #1, 2, 3, and 4	Medium and Penlight	05691
69097	E-Mac. #1, 2, 3, and 4	Medium and Penlight	05791
68096	Miller #0, 1, 2, 3, and 4	Medium and Penlight	05681

#### Popular Mixed Blade Style Standard Sets (Lamp)

Sets include four blades, two handles, and a case. Two blades are Miller blade sizes #0 and #2. The other two blades are sizes #3 and #4 in either the MacIntosh or the English-MacIntosh style. The models also vary by handle configuration.

Model	Blades	Handles
65221	Miller #0 and 2, Mac. #3 and 4	Medium and Penlight
65222	Miller #0 and 2, Mac. #3 and 4	Medium and Stubby
65223	Miller #0 and 2, Mac. #3 and 4	Stubby and Penlight
65224	Miller #0 and 2, E-Mac. #3 and 4	Medium and Penlight
65225	Miller #0 and 2, E-Mac. #3 and 4	Medium and Stubby
65226	Miller #0 and 2, E-Mac. #3 and 4	Stubby and Penlight

#### Portable Standard Sets

Sets include a choice of two blades options, two handle options, and a soft vinyl case. The blade options are for small to medium and medium to large size patients.

Model	Blades	Handle
65201	Mac #3, Miller #0, Miller #2	Medium
65202	Mac #3, Miller #0, Miller #2	Penlight
65203	Mac #3, Mac #4	Medium
65204	Mac #3, Mac #4	Penlight

05620 Portable case only, soft vinyl zippered

### Warranty

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.



MacIntosh Laryngoscope Blades with Medium and Penlight Handles (Fiber Optic Sets Shown)



E-Mac Laryngoscope Blades with Medium and Penlight Handles (Fiber Optic Sets Shown)



Miller Laryngoscope Blades with Medium and Penlight Handles (Fiber Optic Sets Shown)

## Disposable Laryngoscopes

*Disposable laryngoscope one-piece handle and blade design offers the ultimate in infection control and convenience.*

These battery powered KleenSpec® disposable laryngoscopes are designed for single use. The reusable light source inserts into the handle. After use, remove the light source and discard the blade and handle. A clean, new laryngoscope is always ready for instant use.

### Features

- Ideal for emergency rooms, ambulances, emergency bags, field hospitals, and doctors' offices — wherever a low-cost, dependable laryngoscope is needed.
- Individually wrapped for safety and convenience.

### Model Numbers

69090: Disposable Laryngoscope Kit (includes one Mac 3-1/2; and one Mac 1-1/2; disposable laryngoscope, illuminator, batteries, and vinyl case)

56903: Disposable Laryngoscopes, Mac 3-1/2; (10/Box)

56901: Disposable Laryngoscopes, Mac 1-1/2; (10/Box)

### Accessory Numbers

60500: Illuminator for Disposable Laryngoscope



*Disposable Laryngoscopes with Permanent Light Source*

# Intubating Fiberscopes

(Offered only in U.S.A. and selected countries)

*Making light work of difficult airway management.*

The FL-100 leverages Welch Allyn's vast experience in fiber optic imaging, but what sets it apart from other systems is the illumination of our patented Solarc™ light source. Delivers whiter, brighter light in a smaller, space-saving package.

## Features

- Designed for easier and more efficient endotracheal intubation.
- Comes with a 60 cm flexible probe, 3.5 mm insertion tube, 1.4 mm multi-purpose channel, 90° field of view and 3-50 mm focal range, 260° tip deflection and 25 mm angulation section, and +2 to -8 diopter adjustment.
- Solarc™ lighting provides pure white light for true tissue color and long-lasting illumination (Model 65301 only).

## Model Numbers

- 65301: FL-100 Intubating Fiberscope and Solarc Light Source
- 65300: FL-100 Intubating Fiberscope

## Accessory Numbers

- 65009: Leakage Tester
- 49500: Solarc™ Light Source, ACMI only
- 65017: ACMI Adapter
- 65004: Olympus CLK- 3 Adapter
- 65005: Olympus CLK- 4 Adapter
- 65010: Olympus ILK- 3 Adapter
- 65011: Machida Adapter
- 65014: Pentax Adapter
- 65016: Wolf Adapter
- 65018: Storz Adapter
- 09500: Solarc Lamp

## Warranty

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.

## Approvals

Light conforms to UL 2601-1; CAN/CSA C22.2 No. 601.1.



FL-100 Intubating Fiberscope



L-100 Intubating Fiberscope Shown with 49500 Solarc Light Source