

Welch Allyn Laryngoscopes

Designed for ease-of-use to help improve patient care and staff satisfaction.

WelchAllyn[®]




Welch Allyn Laryngoscopes

- > **Innovative Design.** Reduced weight for improved balance and maneuverability facilitates even the most difficult intubations to help improve patient care and staff satisfaction.
- > **Standardize.** Blades easily convert from lamp to fiber optic illumination making upgrades economical.
- > **Durable.** One-piece stainless steel construction ensures blade integrity and minimizes corrosion helping improve staff satisfaction and reducing risk.
- > **Repairable.** Replace deteriorating light pathways for a fraction of the cost of a replacement blade.

E-MacIntosh Laryngoscope Blades


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.



Fiber Optic	Standard	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

MacIntosh Laryngoscope Blades


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



Fiber Optic	Standard	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

Miller Laryngoscope Blades

Welch Allyn modified the original Miller blade, developed with Welch Allyn in 1941, to improve its functionality and field of view. First, the blade or tongue of the blade was flattened so that the patient’s tongue would be swept aside, rather than compressed. 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.



Fiber Optic	Standard	Blade Size	Inside Vertical Measure	Length Inside Base to Tip
#68065	#68045	00	8 mm	36 mm
#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

Welch Allyn Handles

Standard Handles



#60200 "D" Size
#60300 "C" Size
#60400 Penlite "AA" Standard "AA"
#60305

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 (like all Welch Allyn handles), our handles are built to last. Choose from "D," "C," or "AA" battery cell sizes.



Standard Rechargeable Battery 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.

Fiber Optic Handles



#60813 "C" Size
#60814 "AA" Size
#60815 Stubby

Lightweight Fiber Optic Halogen HPX™ Handles

Welch Allyn 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.



#60713 2.5 V
#60835 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 2.5 V or 3.5 V recyclable* nickel-cadmium battery that is guaranteed for two years.

**As a sign of our commitment to the environment, Welch Allyn encourages the return of all spent nickel-cadmium batteries for recycling.*



#68696
Miller #0, 1, 2, 3, 4

Fiber Optic Sets

Each set includes both of our "AA" and "C" cell battery lightweight handles and lightweight blades for maximum maneuverability.

#69696 **MacIntosh** fiber optic set includes blade sizes #1, 2, 3 and 4, #60813 "C" cell battery handle, #60814 "AA" cell battery handle & case #05691

#68696 **Miller** fiber optic set includes blade sizes #0, 1, 2, 3 and 4, #60813 "C" cell battery handle, #60814 "AA" cell battery handle & case #05681

#69697 **E-MacIntosh** fiber optic set includes blade sizes #1, 2, 3 and 4, #60813 "C" cell battery handle, #60814 "AA" cell battery handle & case #05791



#69096

Standard Sets

Welch Allyn standard lamp laryngoscopes are available 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.



#69096 **MacIntosh** standard set includes blade sizes #1, 2, 3 and 4, #60300 "C" cell battery handle, #60400 "AA" cell battery handle & case #05691

#68096 **Miller** standard set includes blade sizes #1, 2, 3 and 4, #60300 "C" cell battery handle, #60400 "AA" cell battery handle & case #05681



#69097 **E-MacIntosh** standard set includes blade sizes #1, 2, 3 and 4, #60300 "C" cell battery handle, #60400 "AA" cell battery handle & case #05791

Replacement Parts

Replacement Parts for Standard Blades

Lamp Part #		Blades Part #		
		MacIntosh	E-MacIntosh	Miller
#04700-U		#69041	#69241	#68040
		#69042	#69242	#68041 #68045
#04800-U		#69043	#69243	#68042
		#69044	#69244	#68043 #68044

Replacement Parts for Fiber Optic Handles

Lamp Part #		Handle Part #	HPX Lamp	Switch Punger/ Lamp Shield	
			Cartridge Assembly (HPX Lamp Included)		
#06000-U			#60813	#608125-501	#608107
			#60814		
			#60815 #60713		
#00300-U			#60835	#608351-501	#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
#680015-501

Welch Allyn fiber optic blades and handles conform to ASTM F1195 and ISO 7376-3 standards and are color-coded green to signify compatibility.

Welch Allyn standard blades and handles conform to the ASTM F965 and ISO 7376-1, -2. Standard blades are color-coded black to differentiate them from fiber optic blades.