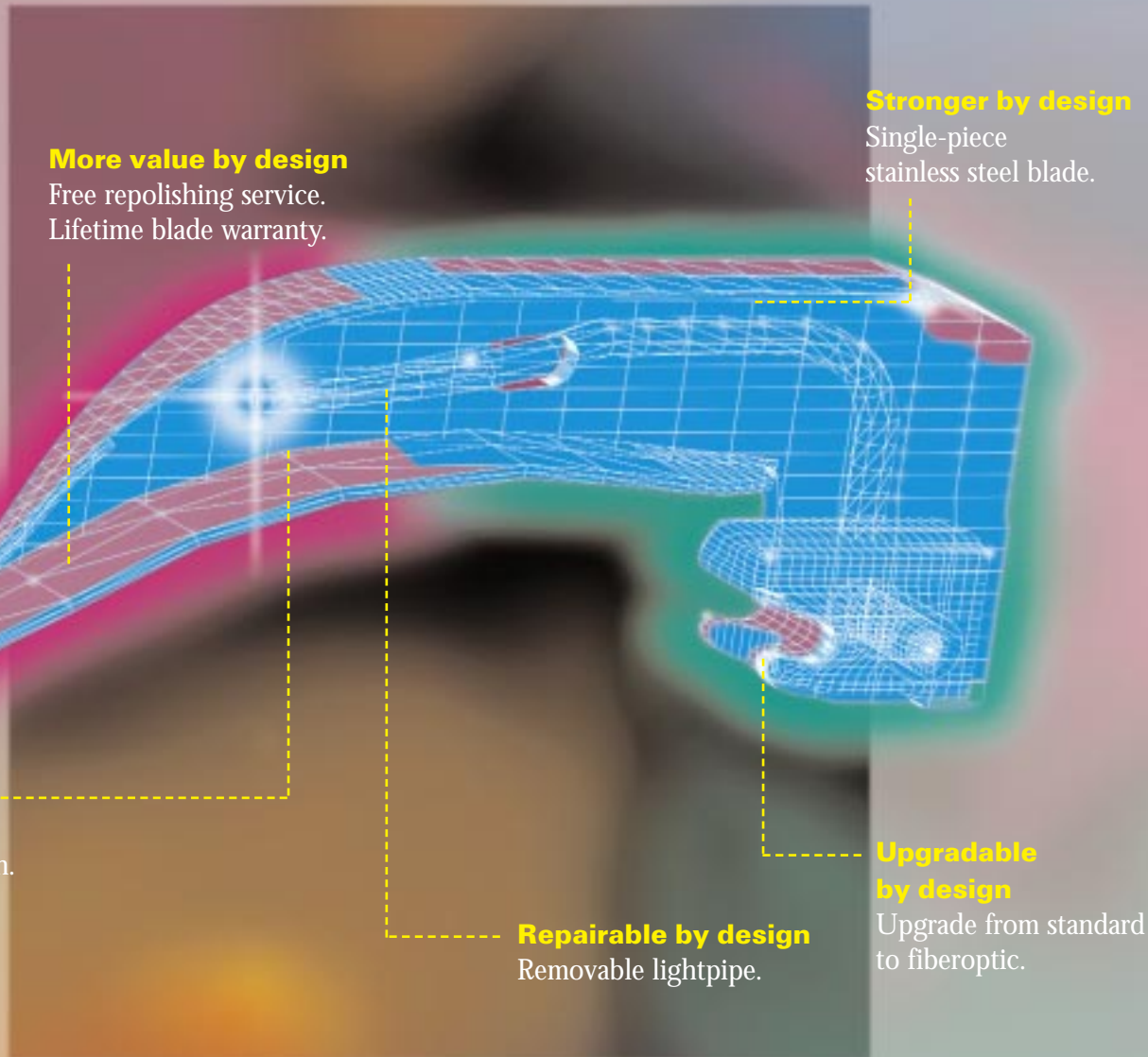


Welch Allyn Laryngoscopes

DESIGNED SMART



Welch Allyn laryngoscopes are the smart choice for superior performance, value and service. Welch Allyn engineers, a bright bunch in their own right, 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, they 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. All of which makes Welch Allyn laryngoscopes the smart choice.

WelchAllyn®

Laryngoscopes
The Smart Choice

WELCH ALLYN LARYNGOSCOPES. THE SMART CHOICE FOR AIRWAY MANAGEMENT.

Stronger by 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 the harsh conditions associated with many sterilization methods.

The 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.



Safer by Design

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. This makes Welch Allyn laryngoscopes not only easier to clean, but also easier to disinfect or sterilize. This virtually eliminates the chance for cross-contamination.

Smooth Surface Finish.

Another new feature designed to help improve the cleaning of a Welch Allyn blade is its new surface finish. Typical laryngoscope finishes have a surface roughness of 32μ in. The new 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.

The combination of removable light pipe and smooth surface finish provides you with a laryngoscope that is considerably easier to clean and sterilize, and is safer for use on patients.



Matte finish of competitive blades

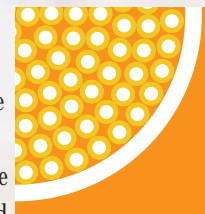
Smooth surface finish of Welch Allyn blades

More Value by Design

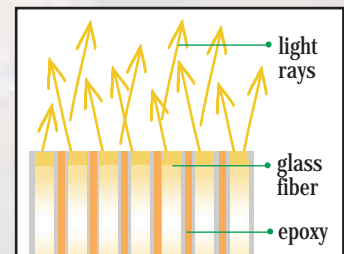
Reduced Light Degradation.

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. The design of Welch Allyn laryngoscopes, however, can drastically reduce the amount of light transmission lost as a result of "epoxy blockage".

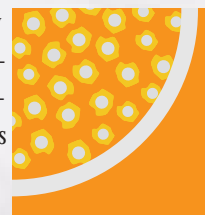
• When a fiber optic laryngoscope is steam-sterilized, the heat involved



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.

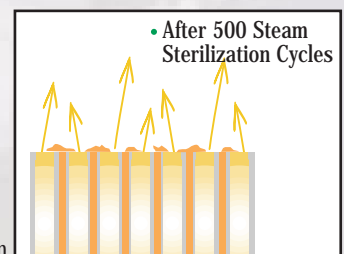


• The epoxy cools following the autoclave process and hardens over the



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.



Upgradable and Repairable by Design

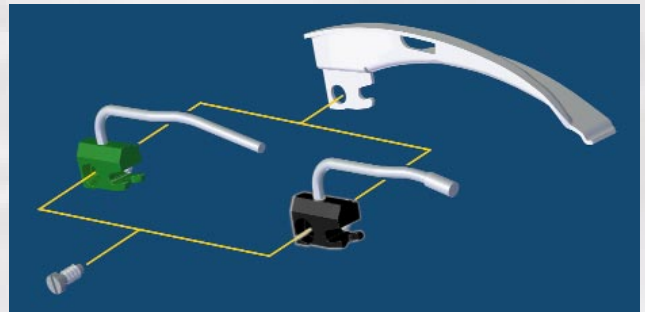
The removable light pipe design truly makes Welch Allyn blades the smart choice for you. That's because this unique design makes our blades the most affordable way to upgrade from standard to fiber optic lighting — while still offering the benefits of one-piece blade construction. To upgrade to fiber optics, simply replace your current, standard lamp light pipe with the fiber optic pipe. Additionally, this unique design facilitates cost-effective blade repair. You can replace the light pipe alone, rather than the entire blade, saving money over time.

A Lifetime Warranty.

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



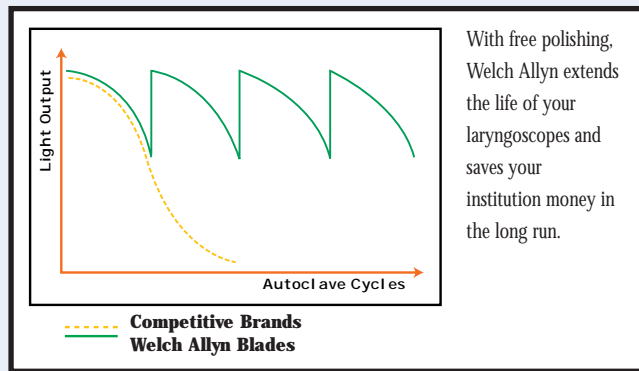
Fiber optic light pipes:

Welch Allyn fiber optic light pipes for laryngoscopes are guaranteed for five (5) 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.

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.



This results in substantial savings for your institution, by reducing the number and frequency of new blades purchases. The chart above presents the savings potential to your institution.

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.

	Premium Fiber Optic w/ Fixed Light Pipe Design	Imported Generic Standard	WELCH ALLYN Fiber Optic
YEAR 1	\$100	\$42	\$100
YEAR 2			
YEAR 3	\$100	\$42	Free Repolish
YEAR 4			
YEAR 5	\$100	\$42	Free Repolish
TOTAL COST	\$300	\$126	\$100

* Prices shown are for purpose of illustration only.
Actual prices will depend upon dealer.

WelchAllyn®

**Laryngoscopes
The Smart Choice**

MacIntosh BI ades



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 BI ades



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 BI ades



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 110v, UL, CSA	rechargeable
60710	Handle only, 2.5v, UL, CSA	rechargeable
71040	Transformer only, UL, CSA	rechargeable
60755	Same as 60715, export , spec. country and voltage, IEC, 601-1, 220-250v, 50/60 Hz	rechargeable
60720	Handle only, export	rechargeable
71025	Transformer only, export , 601-1, 220-250v, 50/60 Hz	rechargeable
72000	Nickel-cadmium battery (coded-red)	rechargeable
60305	Stubby “AA” size handle	battery

WelchAllyn®
Laryngoscopes
The Smart Choice