
ADC® Satin™ Laryngoscope Blades and Handles: Standard and Fiberoptic

Instructions for Use



LIMITED WARRANTY

American Diagnostic Corporation (ADC®) warrants its products against defects in materials and workmanship under normal use and service as follows:

1. Warranty service extends to the original retail purchaser only and commences with the date of delivery.
2. Your laryngoscope is warranted for one year from date of purchase (all parts).

What Is Covered: Replacement of parts, and labor.

What Is Not Covered: Transportation charges to and from ADC. Damages caused by abuse, misuse, accident, or negligence. Incidental, special, or consequential damages. Some states do not allow the exclusion or limitation of incidental, special, or consequential damages, so this limitation may not apply to you.

To Obtain Warranty Service: Send item(s) postage paid to ADC, Attn: Repair Dept., 55 Commerce Dr., Hauppauge, NY 11788. Please include your name and address, phone no., proof of purchase, and a brief note explaining the problem.

Implied Warranty: Any implied warranty shall be limited in duration to the terms of this warranty and in no case beyond the original selling price (except where prohibited by law). This warranty gives you specific legal rights and you may have other rights which vary from state to state.

For Australian Consumers: Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonable foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be acceptable quality and the failure does not amount to a major failure.

To register your product, visit us at
www.adctoday.com/support/warranty-registration

FOR QUESTIONS, COMMENTS, OR SUGGESTIONS CALL TOLL FREE: **1-800-ADC-2670**

This manual is available in a variety of languages, follow the links for language options.
www.adctoday.com/care



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Thank you for choosing an ADC® Satin™ Laryngoscope.

Device Description and Intended Use

A laryngoscope is a two-part, hand-held device consisting of a handle that contains batteries and a detachable blade. Laryngoscopes are designed to provide illumination within the larynx during the process of performing intubations. This instruction book covers standard and fiberoptic laryngoscope models. Fiberoptic laryngoscopes are indicated by an "F" following the item number.

Contraindications

The following are only relative contraindication to tracheal intubation:

1. Severe airway trauma or obstruction that does not permit safe passage of an endotracheal tube. Emergency cricothyrotomy is indicated in such cases.
2. Cervical spine injury, which requires complete immobilization of the cervical spine, makes endotracheal intubation difficult.

Symbol Definitions

The following symbols are associated with your ADC laryngoscope blades and handles:

Symbol	Definition
	Attention. Read operating manual for cautions and instructions for use.
	Medical device
	Not made with natural rubber latex
	Type BF applied part
	Keep away from sunlight
	Product code
	Phthalate free
	Manufacturer's Information

Symbol	Definition
	Lot/Batch code
	Do not dispose of this product as unsorted municipal waste
	Follow instructions for use
	Date of manufacture
	Keep in a cool, dry place
	Unique Device Identifier
	Consult instructions for use
	Non-sterile
	Do not use if the package is damaged

General Warnings

A warning statement in this manual identifies a condition or practice which, if not corrected or discontinued immediately, could lead to patient injury, illness, or death.

WARNING: Federal law restricts this device to sale by or on the order of a physician or licensed healthcare practitioner.

WARNING: Only trained personnel should use a laryngoscope for intubation.

WARNING: ADC recommends that spare lamps, batteries, and replacement parts always be available for emergency use.

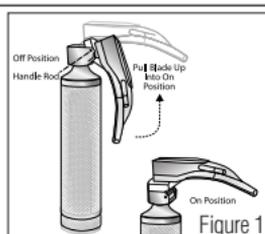
WARNING: The sterilization guidelines included in this instruction booklet are intended as procedures compatible with specific materials. Sterilization must be performed to approved hospital protocol. ADC cannot guarantee that any of the recommended methods will guarantee sterility. This must be validated by the hospital and/or sterilization equipment manufacturer.

WARNING: Fiberoptic handles may be used with ALL fiberoptic blades (reusable) that conform to the ISO 7376 standards. Standard handles may be used with any standard blades that conform to the ISO 7376 standards. Standard and fiberoptic blades and handles are NOT interchangeable.

Operation of all Laryngoscope Models

To activate, attach selected blade onto handle by hooking blade onto handle rod as shown in Figure 1. Pull blade upward to open position to automatically activate light.

To turn off, push blade downward into off position and disconnect from handle. (See Figure 1).



Compatibility/Standards

Standard ADC Satin Laryngoscopes conform to current ISO 7376 standards. They are compatible with virtually all major brands of standard illumination hook-on blades and handles.

Fiberoptic ADC Satin Laryngoscopes conform to current ISO 7376 standards. They are compatible with virtually all major brands of fiberoptic illumination hook-on blades and handles. For easy visual identification, ALL fiberoptic models are clearly delineated by a green indicator on both handle and blade.

Cleaning, Disinfecting, and Sterilization Procedures

ADC Satin Laryngoscope blades are crafted from rugged stainless steel. Handles are machined from chrome-plated brass or anodized aluminum. To ensure maximum life and optimum performance, the following instructions should be strictly adhered to.

See the sections on the reverse panel for specific cleaning, disinfection, and sterilization procedures for your laryngoscope type.

Cleaning Procedure for Standard and Fiberoptic Blades:

Almost immediately after use, laryngoscope blades should be cleaned to prevent blood, saliva, and other residues from drying. On standard blades, the lamp socket and wires are an integral part of the blade for cleaning and replacement.

WARNING: Ultrasonic cleaning is not recommended.

Disinfection/Sterilization Warnings for Standard and Fiberoptic Blades:

CAUTION: ADC laryngoscope blades do not come sterilized. The Sterrad® process is NOT to be used with fiberoptic blades.

WARNING: Flash autoclaving and hot air sterilization are not recommended, as these processes will damage the instrument. The repeated high temperature and changes in temperature caused by autoclaving will shorten the life of all laryngoscope products.

WARNING: Do not immerse blades in bleach, betadine, or peroxide solutions. Doing so will severely damage the instrument. Also, avoid metal-to-metal contact on blades.

CAUTION: Be sure lamp's glass surface is clean and free from fingerprints after assembly. If necessary, the glass may be cleaned with a soft cloth or cotton ball moistened in alcohol.

Fiberoptic Light Guide Replacement:

1. Loosen the locking screw with a screwdriver.

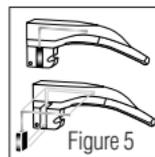
NOTE: This screw is **NOT** designed to be completely removed. This prevents the screw from falling out while the laryngoscope is in use. **DO NOT** attempt to remove this screw from the laryngoscope blade.

2. Pull out the green base of the fiberoptic bundle and slide out the light guide (Figure 5).

NOTE: The fiberoptic bundle is tightly fitted and may be difficult to remove.

3. Insert new fiberoptic bundle by reversing the above steps.

4. Tighten the locking screw, ensuring that the fiberoptic bundle is securely attached to the laryngoscope blade.



Test Procedures

Laryngoscope blades and handles should always be tested after cleaning/disinfecting/sterilization, and prior to use. To test, connect the laryngoscope blade to handle and push blade to ON position. If the unit fails to light or flickers, check the lamp for a secure connection, check batteries, and check electrical contacts. Be sure to have adequate supplies of replacement bulbs and batteries.

Caps on battery handles should be secure before use. If they are not, it could cause the blade to move out of position. Laryngoscopes should be visually inspected for wear or aging prior to use and after long storage periods. It is strongly recommended that back-up laryngoscopes are kept on hand for emergency situations.

Any serious incident that has occurred in relation to laryngoscope medical devices should be reported to ADC and the competent authority of the Member State in which the user and/or patient is established.

REPLACEMENT PARTS CHART

DESCRIPTIONS	STANDARD MODELS	
	Standard Blade	Standard Replacement Lamp
Laryngoscope Item		
Mac 0	4070	4500
Mac 1	4071	4500
Mac 2	4072	4500
Mac 3	4073	4501
Mac 4	4074	4501
Miller 00	4080-0	4500
Miller 0	4080	4500
Miller 1	4081	4500
Miller 2	4082	4501
Miller 3	4083	4501
Miller 4	4084	4501
Wisconsin 0	4090	4500
Wisconsin 1	4091	4500
Wisconsin 1.5	40915	4500
Wisconsin 2	4092	4501
Wisconsin 3	4093	4501
Wisconsin 4	4094	4501
"C" Cell Handle	4065	NA
"AA" Cell Handle	4066	NA
Stubby Handle	4067	NA

DESCRIPTIONS	FIBEROPTIC MODELS		
	Fiberoptic Blade	Fiberoptic Replacement Lamp	Fiberoptic Light Guide
Laryngoscope Item			
Mac 0	4070F	NA	4070FLP-00
Mac 1	4071F	NA	4071FLP-00
Mac 2	4072F	NA	4072FLP-00
Mac 3	4073F	NA	4073FLP-00
Mac 4	4074F	NA	4074FLP-00
Miller 00	NA	NA	NA
Miller 0	4080F	NA	4080FLP-00
Miller 1	4081F	NA	4081FLP-00
Miller 2	4082F	NA	4082FLP-00
Miller 3	4083F	NA	4083FLP-00
Miller 4	4084F	NA	4084FLP-00
Wisconsin 0	NA	NA	NA
Wisconsin 1	NA	NA	NA
Wisconsin 1.5	NA	NA	NA
Wisconsin 2	NA	NA	NA
Wisconsin 3	NA	NA	NA
Wisconsin 4	NA	NA	NA
"C" Cell Handle	4065F	4532-1 (old) / 5111N-4 (new)	NA
"AA" Cell Handle	4066F	4532-1 (old) / 5111N-4 (new)	NA
Stubby Handle	4067F	4532-1 (old) / 5111N-4 (new)	NA