

ADC® Dermoscope



Use, Care and Maintenance

A Special Thank You...

Thank you for choosing an ADC® Dermoscope. We're proud of the care and quality that goes into the manufacture of each and every product that bears our name. Only the finest materials are used to assure you of a timeless instrument designed for optimum performance. You'll quickly appreciate the results, for you now own the finest dermoscope that money can buy. With proper care and maintenance your ADC® Dermoscope is sure to provide you with many years of dependable service. Please read the following instructions and general information which will prove helpful in allowing you to enjoy your ADC® product. Thank you for your patronage. It is indeed our pleasure to serve you.

Sincerely,
American Diagnostic Corp.

Dermoscope

The Dermoscope is used for pre-operative evaluation of cutaneous pigmented lesions with the aim of differentiating early melanoma, which requires excision from non-melanomatous pigmented lesions that may safely be left untreated. Use of the Dermoscope three-color test could reduce excision of benign melanocytic naevi, and thus prevent both unnecessary minor surgical work and patient morbidity.

Features:

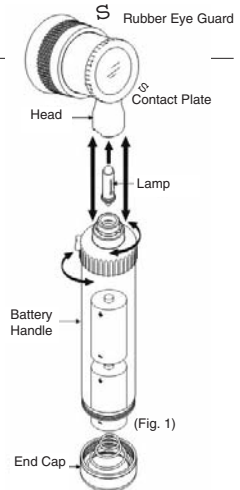
1. Halogen light for true tissue color
2. Graduated skin contact plate to measure pigmented skin lesions
3. Significant 10X magnification
4. Focal range $\pm 5D$ (correction)
5. Focal length is 25mm
6. Autoclavable contact plates

This Dermoscope provides a reliable bayonet locking system and is equipped with a 2.5V halogen lamp to be powered by two 1.5V "C" type batteries.

Operating Instructions

Before using, it is necessary to install the battery components into the handle (Fig. 1).

1. The Dermoscope handle can be powered by two 1.5V "C" type batteries. Alkaline batteries are highly recommended for optimum performance.
2. To connect the Dermoscope head to the battery handle, align the slots on the head with the handle and push down. You must twist the head clockwise to lock it in place.
3. Push the white button on the handle and twist the black knob clockwise. The unit is now in operation. The intensity of the light can be adjusted by turning the knob clockwise or counter-clockwise.
4. Gently rest the contact plate on the lesion such that the lesion is in the center of the contact plate and examine its surface structure. To reduce glare from stratum corneum, apply oil (Mineral oil, Petroleum Jelly, etc.).



5. With your index finger on the rubber focusing ring, adjust for optimal focus while your eye is resting on the rubber eye guard.
6. Observe the illuminated and magnified lesions, making notes for treatment.
7. To measure pigmented skin lesions, the graduated contact plate must be used.
8. Switch off the unit after use to preserve batteries. Twist the black knob counter-clockwise until an audible click is heard and the button comes to its off position.

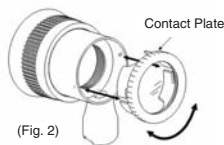
Care and Maintenance:

NOTE: Periodically check the battery conditions, making sure that no sign of corrosion or oxidation is present.

Cleaning and Sterilization:

1. Contact Plate (Fig. 2).

- The contact plate must be taken off after each examination.
- The contact plate can withstand cleaning or disinfection by soaking in alcohol solution, cidex, etc.
- The contact plate can also be autoclaved up to 135°C and pressure of 28 p.s.i.



NOTE: Clean the contact plate with a cleaning solution prior to autoclaving.

2. Lens

- The lens can be cleaned by using a moistened cotton-tipped applicator with alcohol or a solution of water with mild detergent.
- Do not use abrasive materials to clean the lenses as they will scratch the coated surface of the lens.

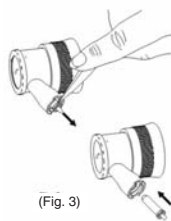
3. Handle

- The handle can be cleaned with a moist cloth.
- Battery handle shell should not be emersed in water. Remove battery components while cleaning.

Lamp Replacement:

NOTE: (Fig. 2). Before removing the lamp, make sure that the device has been turned off for some minutes to avoid the risk of being burnt. Lamps may be hot, so it's necessary to let it cool.

- Remove Dermascope head from the power source as advised in operating instructions (Fig. 1).
- Pull out lamp with nail file or similar tool (if necessary) by getting it under the base of the lamp (Fig 3),
- Use an ADC recommended lamp for replacement by carefully aligning pin on lamp shaft with slot in Dermascope head. Push the lamp until sealed well.



Battery Replacement:

NOTE: Handle batteries carefully when removing, as the liquid in them can irritate the skin and eyes. Dispose of the used batteries properly. Replace with alkaline type "C" batteries.

- Open the battery compartment by turning the end cap counter-clockwise.
- Once opened, insert the batteries making sure the direction of the poles are correct (see Fig. 1).
- Close the battery compartment by turning the cap clockwise.

Storage:

Since this product is made of corrosion-proof materials suitable for environmental conditions encountered during normal use, it does not require special care. However, this device should be stored at room temperatures, in a protected area free of dust and dirt to ensure its hygienic properties.

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. The optical system is warranted for life.

What is Covered: Repair, or 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 \$2.00 to cover the cost of return shipping and handling.

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.***



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