

# ADC® Diagnostix™ EENT Instruments

## Instructions for Use

### Dermascope

Questions?  
Call ADC toll free:  
1-800-232-2670



Congratulations on your purchase of an ADC® Diagnostix™ physical exam instrument. ADC professional diagnostic products are the instruments of choice where accuracy and dependability are critical. These feature-rich instruments are designed to simplify physical exams and non-invasive diagnostics. With proper use and care these instruments will provide many years of dependable service.

### INTENDED USE

The Dermascope is used for pre-operative evaluation of cutaneous pigment lesions with aim of differentiating early melanoma, which requires excision from non-melanomatous pigmented lesions that may safely be untreated.

The Dermascope is intended for transient use in the examination of skin in all patient populations.

### WARNINGS AND CAUTIONS

ADC Diagnostix instruments are manufactured in accordance with the highest applicable international standards and are subject to rigorous quality control procedures. Read these instructions carefully before operating the device and retain them for future reference. The instrument described in these instructions for use is intended for use only by suitably trained professional and qualified medical personnel. Device performance and efficiency are guaranteed only when genuine ADC parts and accessories are used.

**Warning:** Do not use batteries, electrical cords, or replacement parts other than those included with this product or supplied by the manufacturer.

**Caution:** Do not use if damaged. All repairs must be performed exclusively by the manufacturer or an authorized service provider; do not attempt any repairs yourself.

**Caution:** Do not use the dermascope without skin contact plate as this may contaminate the device and can cause cross contamination.

**Caution:** Inspect the skin plate before each use for rough surface or edges.

**Caution:** Do not reuse the skin contact plate without cleaning/sterilization as it can cause cross contamination.

**Caution:** Autoclaving and flash sterilizing the dermascope head and battery handle will result in severe electrical and mechanical damages.

**Caution:** Ultrasonic cleaning is not recommended.

**Caution:** Any unauthorized modifications/service is strictly prohibited at user end. Contact manufacturer.

**Caution:** This product is not allowed to enter or be used in areas with strong magnetic fields (e.g., MRI scanners).

**Caution:** If the light is intermittent or in case it does not turn on, check the bulb/LED, the batteries, and the electrical contacts.

**Caution:** Store the device in a clean environment within a temperature range of 68°F to 140°F (20°C to 60°C), with a 10%-95% relative humidity.

**Caution:** To obtain the greatest performance from your instrument, it is recommended that the instrument be used within a temperature range of 50°F to 86°F (10°C to 30°C), with a 30-75% relative humidity.

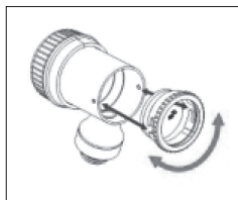
### Focusing Lens

The dermascope has a magnifying lens of 10x magnification. The magnifying lens is used to enlarge the object being examined. The user must rotate the eyepiece ring to adjust the magnification of the skin being examined.

### Skin Contact Plates

Two contact plates are supplied:

- 1) Plain contact plate
- 2) Contact plate with scale of 0-10mm for measuring melanotic skin changes, such as malignant melanoma.



### Technical Data of Lamp

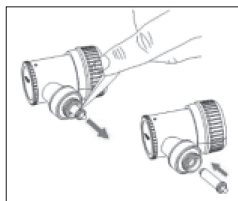
Dermascope LED 3.5V 350 mA mean life span 10,000h

### REPLACING THE LAMP

To replace the lamp, first turn off the device and allow it to cool for 30–60 seconds. Disassemble the dermascope head from the handle. The lamp is located at the base of the instrument head. Gently pull the lamp downward and out of the head, then insert the new lamp into the socket. Reattach the dermascope head to the handle before use.

Use only ADC replacement lamps.

**Caution:** Always turn off the device before unlocking the dermascope head from the handle.



## CLEANING AND DISINFECTION

Clean and disinfect the outer surface of the dermascope head with a soft cloth and inner surface with a cotton swab soaked with 70% isopropyl alcohol or water. Do not dip the head in any disinfection solution.

Lens can be cleaned by using a moistened cotton-tipped applicator with alcohol or a solution of water with a mild detergent.

The skin contact plate must be taken off after each examination. It can withstand the cleaning or disinfection by soaking in alcohol solution or Cidex. It can also be cleaned with 70% isopropyl alcohol solution. Skin contact plates can also be autoclaved. Autoclave the skin contact plate at 273.2°F (134°C) for at least five minutes or autoclaved it at 249.8°F (121°C) for 30 minutes.

Do not exceed the temperature of 275°F (135°C) and pressure 28psi.

**Caution:** Do not use abrasive ultrasonic cleaners, alcohol, or other chemicals to clean the lenses as this will degrade lens quality and scratch the coated surface of the lenses.

**Caution:** Do not use rough cloth for cleaning the lens to avoid scratches.

## TECHNICAL SPECIFICATIONS

Operating Conditions:

Temperature: 50°F to 86°F (10°C to 30°C)

Relative Humidity: 30%–75%

Atmospheric Pressure: 700–1060 hPa

Storage and Transport Conditions:

Temperature: -4°F to 140°F (-20°C to 60°C)

Relative Humidity: 10%–95%

Atmospheric Pressure: 500–1060 hPa

## MAINTENANCE

The dermascope does not require regular maintenance. Should the instrument have to be examined for any specific reason, please contact ADC customer service.

## QUALITY STANDARDS

This device is manufactured to meet the European and United States standards for: IEC 60601-1:2005+A1:2012+A2:2020.

## WARRANTY

This Diagnostix instrument includes a five-year warranty for the dermascope head and lifetime warranty on AdLED lamps, starting from the date of purchase. The warranty does not apply to damage caused by improper handling, accidents, improper use, or alterations made to the instrument by third parties. The warranty is only valid after the product is registered online at <https://www.adctoday.com/register>.

### For our European Customers






A printed copy of this manual can be sent to you at no charge within seven calendar days. To request a copy, e-mail us at [info@adctoday.com](mailto:info@adctoday.com).

Our website, <https://www.adctoday.com>, where these instructions for use are available, fulfills the requirements of personal data protection, according to Directive 95/46/EC and GDPR on the protection of individuals with regard to the processing of personal data and on the free movement of such data.

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

### 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 reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

	The CE mark indicates that the product complies with the European Medical Device Regulation 2017/745
	Medical device
	Not made with natural rubber latex
	Phthalate free
	Consult instructions for use

To register your product and obtain further detailed user information about our products and services visit us at:

**[www.adctoday.com](https://www.adctoday.com)**

and follow the links.

For questions, comments, or suggestions call us toll free at:

**1-800-232-2670**



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