

Vademecum

Woodlamp



IDEALDERM®

Diagnostic Device

Ultraviolet ray lamp is made from a ultraviolet ray which go through a glass-filter with nickel. The Woodlamp was invented by the American physical scientist Robert Williams Wood. UV rays have very small wavelengths and are located in the non-visible region of the light spectrum. Therefore, they have a very high energy potential. They are at the origin of phenomena such as luminescence, fluorescence and sterilization.

The main medical use of the lamp is the diagnosis of skin problems such as rashes. With this Woodlamp, it is possible to make the modifications of the skin, hair or hairs visible. Thanks to this IDEALDERM Woodlamp, every diagnosis of the skin is simplified.

It also promotes early detection of pigmentation changes due to neurocutaneous syndromes, such as white spots and tuberous sclerosis. The UV A light (340-450 nm, maximum 365 nm) created by the Woodlamp is mainly used for the diagnosis of dermatoses (associated with a typical fluorescence), such as ringworm, erythrasma, ringworm, pseudomonas aeruginos infections and porphyria.

Moreover, lymphangioliomyomatosis (AML and tuberous sclerosis) is recognized by the first white spots (hypomelanotic macula) on the skin and the IDEALDERM Woodlamp allows to make this color change visible.



1) Description :

UV rays are used to detect colorless skin problems and make them visible. The IDEALDERM Woodlamp allows to see skin problems under the surface, including for example clogged pores, stains, dehydration and sunspots. By using the IDEALDERM Woodlamp, the specialist can clearly identify skin problems and disorders, and then suggest appropriate care.

The IDEALDERM Wood Lamp is useful for:

- the detection of allergies on the skin (for example cosmetic allergies)
- calculation of circulation time during intravenous fluorescein injection
- to check if your pets are suffering from ringworm

If you suspect a change in the composition of a cosmetic product, you can compare the new and the old product with the lamp. If the color is the same, it means that the product is not damaged.

Instructions

2) Advantages of the IDEALDERM Woodlamp:

- The UV lamp is easy to handle (robust, lightweight and very compact device).
- Low power consumption (no additional external light sources required).
- The UV rays generated do not have a negative effect on the skin.
- You can diagnose many colorless lesions with this UV lamp.
- The IDEALDERM Woodlamp is equipped with four fluorescent light tubes (BLB - Blacklight Blue), through which UV rays are emitted.
- The Wood IDEALDERM lamp is supplied with a darkening sleeve to improve diagnoses.
- In the current model of the IDEALDERM Woodlamp, the lead is in a solid form, which can cause rolling noises although the product is in perfect condition. This step has been taken to protect your health and prevent environmental damage in case of ruptured tubes of light.

3) Safety instructions:

The IDEALDERM Woodlamp should only be used in rooms with low humidity and only when there is no risk of explosion. Never use the device outdoors as weather conditions can cause damage. It is not suitable for use in operating rooms. In addition (to prevent the risk of disease transmission), the user must comply with the rules of the Hygiene and Disinfection Board. Since a magnifying glass is integrated with this Woodlamp, it must be covered when not in use, otherwise there is a fire hazard. After a long period of operation, the Woodlamp may become hot. You must absolutely let it cool down before covering it. Be sure to turn off the device after using it.

Since this device works with UV light, you should not expose the skin or eyes to continuous radiation. Normal use as a skin diagnostic device is safe. In case of damage resulting from the non-observance of the safety instructions, neither manufacturer nor seller can be held responsible.

Never attempt to open the device and inspect internal components or accessories. If inspection becomes necessary, contact your supplier or a qualified technician. If the power supply cable is damaged, have it checked and replaced by a specialist to avoid any risk or contact the customer service.

4) Commissioning:

- 1) Before commissioning, please check the mains voltage.
- 2) Voltage: 220-240V ~ / Frequency: 50-60 Hz / 22 Watt.
- 3) Regularly check the power cable of the device. If it is damaged, it must only be exchanged by a specialist or by the customer service to avoid any risk.
- 4) Please be sure to follow the precautions listed in this document.

Use and meaning of colors

5) Usage:

- 1) To make the skin diagnosis, the skin must be free of make-up, cream, facial lotion, soap and topical medications. If necessary, clean the skin with IDEALDERM Peeling Lotion or IDEALDERM Peeling pads, ideally one day before in order not to reduce the pigmentation of the skin on the D-day.
- 2) During the diagnosis, the client must close his eyes and put cotton discs on his eyes. In addition, users are not allowed to look directly at the ultraviolet light.
- 3) The Woodlamp must first be turned on and maintained for at least 1 minute away from the patient or user's body (especially due to the preheating phase).
- 4) Attach one end of the darkening sleeve to the Woodlamp and place the other end over the client's skin area to be diagnosed. The operation must be performed in a dark room.
- 5) Slowly position the lamp on the area of the skin to be diagnosed (most of the time Woodlamp is used to diagnose the face skin). The distance between Woodlamp and the skin should be at least five centimeters. The lamp should never touch the skin.
- 6) It is important to maintain your position when you use the Woodlamp and not to move. If the movements are too jerky, the tubes could slip out of their support.
- 7) The lamp should only be used briefly. So be sure to check the duration of the application.

In dermatology, Woodlamp is used to determine the condition of the skin. When ultraviolet light strikes different surfaces, each reflects a certain spectrum, that is, they appear in different colors. Ultraviolet light indicates, for example, horny or thickened areas of the skin, so that proper skin care can then be provided.

The IDEALDERM Woodlamp makes some skin lesions invisible to the naked eye visible. Depending on the shapes and colors that appear, the specialist recognizes the corresponding skin problem. For example, if the skin is severely keratinized, it will appear bright white through the Woodlamp. The following table briefly summarizes possible appearances and associated skin conditions.

6) Meaning of colors:

Healthy faces and scalps appear in white or blue-gray through the Woodlamp. Healthy nails shine in bright white. The following 8 main colors are recognizable. These can be interpreted as follows:

	OILY AREAS AND COMEDONES		DEHYDRATED SKIN
	NORMAL AND HEALTHY SKIN		HORNY LAYER OF THE SKIN AND DEAD CELLS
	PIGMENTATION AND DARK SPOTS		ACNE SKIN
	VITILIGO		MICROSPORUM CANIS (RINGWORM)

**When you buy a wood lamp
20 additional color meanings
be visible in the guide.**

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Indications and other details

7) **Caution:**

Please turn off the device after using it. The built-in magnifier should not be exposed to the sun as this may cause a fire.

8) **Storage:**

Protect the device from possible shock, heat, high humidity, sun and dust.

9) **Maintenance and repair:**

Make sure (before applying the following steps) that the IDEALDERM Woodlamp is NOT plugged in anymore!

Clean the lamp thoroughly with a damp, soft microfiber cloth. Only use cleaning agents that are compatible with paint and plastic and that do not damage acrylic glass. Do not use disinfectants or solvents. If a damage results from exposure to an inappropriate product, neither the manufacturer nor the seller will reimburse you.

10) **Disposal:**

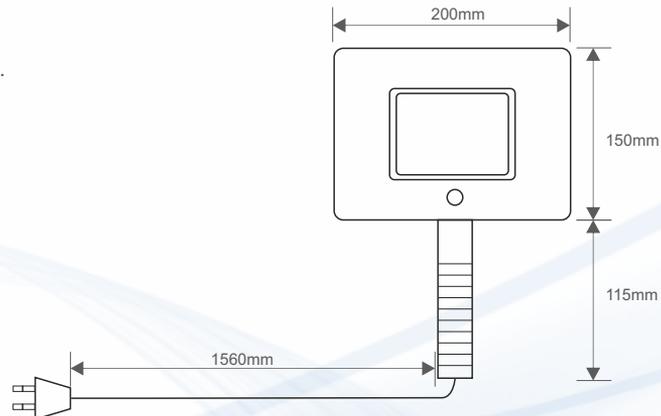
Return the lamp to an appropriate collection or recovery system.
Defective UV lamps should be disposed of with hazardous waste.

11) **Electrical Specifications:**

Voltage : 220-240V ~ / Frequency : 50-60Hz / 22 Watts.

12) **Dimensions (approx.):**

The unit comes with a Euro plug (in Switzerland Type 26)
Double insulated, Class II delivered (2.5 amps / 250 volts).



13) Article number: idwola

14) PPN: 111031758370

15) Indications for use:



Before commissioning, carefully read the operating instructions and the safety instructions. These instructions are to be kept throughout the life of the device and to transmit to any potential future purchaser. Failure to follow instructions may result in damage!



Fire hazard



Non-ionizing radiation



Caution, respect accompanying documents



Wear protective glasses



Protection insulation



Protection class



This symbol on our electrical devices and their packaging means that these products should not be treated as usual household waste in Europe. When disposing of this equipment, please observe local regulations or requirements for the disposal of electrical equipment. This waste treatment initiative contributes to the conservation of natural resources and the protection of the environment.



The product complies with the following standards and regulations:
-Regulatory EMC 89/336 / EEC, 91/263 / EEC, 92/31 / EEC, 93/68 / EEC
-EN 55015: 2000 + A1: 2001 + A2: 2002, EN61547: 1995 + A1: 2000,
-EN 61000-3-2: 2000 + A2: 2005, EN 61000-3-3: 1995 + A1: 2001
-To the requirements of the Low Voltage Directive: 2006/95 / EC
-The provisions of the EMC Directive: 2004/108 / EC



RoHS

This Woodlamp complies with the RoHS directive, prescribed by the EU since July 1, 2006.

16) Literature and source: see www.idealderm.com

Additional documentation:



Vitiligo



Peeling



Camouflage

