

Derma LiteCheck® is used according to the Dermalux® fluorescence method in one-to-one instructions and short training courses within the scope of hand hygiene and skin protection training programs.

General safety instructions

- Read operating manual carefully prior to the initial operation of this device.
- Keep this operating manual safe!
- This device is designed for use within the scope of training programs only.
- Always disconnect the device from mains in case it is not used, tubes are exchanged or failures occur. Turn the device off beforehand. Pull the plug, not the cable.
- Only switch device on and operate it when it is open.
- Never turn the device on without fluorescent tubes!
- Regularly check cable and device for damages. Do not put device into operation in case of any type of damage.
- Do not repair the device yourself, but refer to our repair service.
- Keep the device away from heat, direct sunlight, moisture, sharp edges and the like.

Special safety instructions for this device

- The device may only be operated with the provided mains cable (230 V).
- Only use lamp type LL8W/BLB.
- Warning: Never turn the device on without fluorescent tubes!
- After training courses and when unwatched, turn the device off and disconnect it from mains.
- Never clean the electric components with water.
- Only operate device in upright position and do not directly look into the UV light.
- Please note the recommendations for use and occupational safety guidelines when using UV lamps.
- Persons taking certain drugs, e.g. certain antibiotics, or with known hypersensitivities might experience the skin to be more sensitive to UV light. It is advisable to seek medical advice beforehand also for persons who, for example, had a cataract surgery. UV protective glasses might be necessary in individual cases.

Initial operation of the Derma LiteCheck® device

Prior to initial operation remove the protective foil from the protective glass cover beneath the UV lamps!

Place device in an upright position. Open right and left flap. The flaps are locked with push buttons on top and bottom. Fold the black bottom flap down.

Take out the accessories box by releasing the hook-and-loop tapes on the top and bottom of bottom side. Open the box outside the device.

Take out the mains cable (230 V). Plug the mains cable (230 V) into the mains socket (230 V, 50 Hz). Afterwards plug the cable into the socket on the left side of the device.

After actuating the toggle switch on the right side of the device the control lamp flashes and indicates the device's stand-by mode.

Performing the fluorescence tests

Select an adequate training location with no direct light shining into the device that would interfere with the attractive, white effect of the fluorescence marker. In addition, preferably use a dark table area. To reach the lamps' optimal effectiveness, turn the device on several minutes before training. For examining the hands in the Derma LiteCheck® device, the test person positions herself/himself in front of the device and holds her/his hands under the UV light by keeping sufficient distance (approx. 15-20 cm). Afterwards the test person looks at her/his hands from the top. The hands are only moved slowly to be able to clearly see the effect. The trainer and further persons can also watch the test from the side. Cover table/floor before training, if necessary. Do not soil the inner of the device with alcoholic test products. We recommend washing hands after the test.

After the training

Turn the device off and disconnect it from mains after the training course.

Still leave the Derma LiteCheck® device in the upright position.

Put the mains cable and other parts back into the accessories box. Close the box and attach it to the device's bottom/bottom flap using the hook-and-loop tapes. Fold the black bottom flap up and close the side flaps by means of the two push buttons. For storage, the device fits into a filing cabinet.

Maintenance/cleaning

If soiled wipe device with a damp cloth and evtl. soap. Quickly remove stains in the inner of the device. Turn off and unplug device beforehand. Do not use solvent-based cleaning agents. Alcoholic testproducts should be applied on hands outside the device. Furniture/floor should be evtl. covered during disinfection trainings.

Technical data

Power supply: 230 V, 50 Hz. The device conforms to the CE standards.

The device is equipped with 2 fluorescent tubes – type T5 8W/BLB – and may only be operated with this type. These black glass emitters have a wavelength ranging between 320 nm ÷ 400 nm (UVA), max. 365 nm. Effective irradiance UVA (0.5 m) ~ 1.2 W/m².

Warranty

6 months from date of invoice. This excludes the lamps.

Replacement tubes

Replacements lamps can be ordered online at www.dermalux-shop.de

To replace defective fluorescent lamps loosen the screws of the protective glass with a cross-head screwdriver. Place lamps correctly and refasten the glass afterwards.

Repair service

Ingenieurbuero Ott, Wallersheimer Weg 50-58, D-56070 Koblenz

Phone +49 261 / 982 42 23 Fax +49 261 / 982 42 25.

Derma LiteCheck® devices can only be accepted for repair at this address.