

## Operating Manual for the Dermalux® Checkbox

Dear customer,

here are some application references which you should pay attention to while operating the Dermalux® Checkbox

### **Using the Dermalux® Checkbox (mains version) for the first time**

Never switch on the unit without fluorescent tubes. To operate the unit on the mains, insert the power supply plug (230 V/12V) into the mains socket. Then insert the plug (12 V) into the socket located on the rear of the unit next to the switch. To ensure that the plug is correctly fitted, use gentle pressure to continue pushing through the small level of resistance. After actuating the switch, the Dermalux® Checkbox is operational once the indicator lamp located on the unit comes on.

### **Operation as a battery version**

Never switch on the unit without fluorescent tubes. If you have bought the battery version of the Dermalux® Checkbox, the battery pack will already be in the relevant battery compartment on the rear of the unit. First proceed as for the mains version. For battery operation, however, the unit must be connected to the mains for at least 12 hours before being used for the first time. The unit must not be switched on during this period. It is also possible to operate the unit from the mains straight away. Please ensure that the battery is maintained. It should not remain unused for longer than 4-6 weeks.

### **Recharging the battery**

Connect the power pack to the mains socket for at least 8 hours. The electronic charging system will take care of everything else, including preventing an overcharge. After this period, your Dermalux® Checkbox will be ready for operation for another 3 hours approx. when disconnected from the mains. Should you wish to upgrade your unit with a battery pack, packs can easily be ordered from us at any time as an accessory using order number 30010:

KBD GmbH, Kaiserstr. 35, D-69469 Weinheim, Phone +49 (0) 6201/59 00 65, Fax +49 (0) 6201/59 00 66

### **Maintenance/cleaning of the unit**

Please do not use any solvent-based cleaning agents to remove Dermalux® test product residue from the surface of the box.

### **Lamps**

The unit is fitted with two fluorescent lamps of type T5 8W/BLB and must only be operated with this type of lamp. These lamps are black light lamps with a general emissions range of 320 nm , 400 nm (UV-A), max. 365 nm. Eff. illumination intensity UV-A (0.5m) ~ 1.2 W/m<sup>2</sup>;

### **Replacement lamps**

Please order replacement lamps with order-no. 30030.

KBD GmbH, Kaiserstr. 35, D-69469 Weinheim, Phone +49/6201/5900-65, Fax +49/6201/5900-66

### **Conducting fluorescence tests**

Switch on the unit roughly 15 minutes before the start of training to achieve the optimum operating temperature and maximum lamp performance. Select a suitable training location so that the attractive, white fluorescence effect is not impaired by light shining directly into the unit. Position the unit in as dark a location as possible. The Dermalux® transport and display case available as an accessory is therefore fitted with a black base insert, for example, for optimum presentation

of the unit. The plate can also be removed and used as a tabletop base for the unit. To view hands in the Dermalux® Checkbox, test persons should have their hands in front of the unit and place them into the lower, large opening on the unit. When moving the hands, ensure that the fingertips remain at the height of the white mark on the unit. Test persons can then

look through the top viewing slit as marked ("Fluorescence test" sticker). After tests, we recommend washing your hands.

### **Warning notes**

- The unit must only be operated using the power pack supplied (230 V/12 V).
- Only lamp type LL8W/BLB should be used.
- Caution: NEVER switch on the unit without fluorescent tubes!
- NEVER clean the electrical components with water!
- Do not look directly into the UV light, while operating the device
- When inserting and using UV lamps, observe the recommended applications and work safety regulations.
- When taking certain medicines such as some antibiotics, or in the case of known allergies, test persons should obtain further information on whether the skin's sensitivity to UV could be increased. It is also advisable to seek the advice of a doctor for persons who have had any cataract operations, for example. In some cases, it may be necessary to wear UV safety goggles.

## **Warranties**

Six months after date of invoice.  
Lamps are excluded from the warranty.

## ***Repair service***

Our repair service - **Ingenieurbüro Ott, Wallersheimer Weg 50-58, D-56070 Koblenz** - telephone (+49) (0)261 / 982 42 23 or telefax (+49) (0)261/982 42 25. Please contact Mr Ott junior. Dermalux equipment can only be repaired at this address.

Contact address and information:

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Phone: 0049-6201-5900-65  
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