

Skin care-control by means of the Dermalux® System

As part of recommended preventative measures, the educational advantages of the **Dermalux® System** as part of skin protection training courses and tests have been shown to be a powerful tool. There is an extremely wide range of potential applications which can be tailored to the requirements of the instructors using the units. The training system is suited to all training staff at institutes, medical practices and centres, as well as to relevant companies and clinics active in the field of professional dermatology. In addition, the possible combinations of elements of skin protection training and instruction in personnel hygiene offered by the training system, have proven to be especially helpful in many areas such as the pharmaceutical and food industries as well as clinical hygiene and in the care sector overall. More information on this can be found in our usage notes on hygiene training.



For the first time it is possible to provide visible evidence that skin protection can only be effective if skin protection creams are applied correctly. Nothing can more convincingly convey the necessity for skin protection than the feeling of exposure you instil in a test person who for the first time can see the "unprotected" places on their hands. This is the precise point at which the learning process begins. Check the result immediately or after several weeks or months. Please also see the relevant studies on the Internet at the address www.dermalux.de for more information.

How to conduct the fluorescence test

The test person requires approx. 1-2 ml of the **Dermalux® test lotion**. To begin with, it is better to use a little less and add a small amount if the quantity is not sufficient for the test person. Please ensure that the **Dermalux® test lotion** is correctly applied to the backs of the hands. Then the test person is asked to rub the lotion into his/her hands just as he/she normally would with any other protective skin cream. The test substance is now invisible to the naked eye.

For the observation of the hands in the **Dermalux® Checkbox** the test person takes position in front of the device and inserts the hands into the lower, large opening. When moving the hands please take care that the fingertips remain at height of the brought-in white marking. Subsequently, the test person looks into the upper, marked observation slit (sticker "fluorescence test") and can now see her/his hands under the UV light completely. Other test persons, who participate in the group training also have likewise sufficient insight into the equipment from both sides, in order to e.g. take part in the discussion about the test result.

The areas on the skin where the test lotion has been applied will be illuminated in bright white on the hands in the **Dermalux® Checkbox**. Untreated areas are displayed as dark sections and are clearly contrasted. Test persons are often amazed as they believe they have applied the cream over the entire area. In actual fact, the areas between the fingers, the beds of the fingernails, the outsides of thumbs or knuckles, for example, are frequently omitted; and inadequate skin protection is no more effective than none at all.

When using the **Dermalux® system** you will very quickly get a feeling for how you can make your events more lively and more effectual if you listen and observe closely during training, and you encourage test persons to communicate with one another. Having fun with the subject makes it more interesting.

Some more application references that are important for the training

- Switch on the Dermalux® Checkbox about 15 minutes before beginning of the training in order to achieve the optimal operating temperature and maximum power of the lamps.
- Select a suitable place for your training course. The attractive, white effect of the fluorescence will occur better, if daylight or artificial light in the room do not directly shine into the device.
- Place the device on a dark ground. The Dermalux® Transport- and Display Case available is therefore equipped with a black inserting soil, on which the equipment presents itself optimally. In addition, the plate can be taken out and be used for tables in order to put the device on it.
- Consider application references and industrial safety guidelines when using UV lamps. The switched on equipment may only be used in accordance with the manufacturer's application references. Do not look directly into the UV-light. Consider technical references recommendations of the producer for the equipment.
- Persons, who take certain medicines, e.g. some antibiotics, or with hypersensitivenesses should inform themselves whether these can possibly increase the UV sensitivity of the skin. The advice of the physician is e.g. recommended also for persons, who were operated at the grey star. In individual cases an UV eye protector could be necessary.
- After the test, we recommend washing your hands.

Get additional information and place your orders here:

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