

# MicroCAMERA<sup>®</sup>

Discover the secret to healthy Skin and Hair





## 01 INSTRUMENT USED IN DAILY PRACTISE

MicroCAMERA is the revolutionary skin and hair diagnostic system that increases the sale of dermocosmetic product lines and pharmacy services.

MicroCAMERA adds value to the pharmacy and increases the operator's professionalism.

MicroCAMERA assists in tracking the client's improvements and keeps them motivated to return.

MicroCAMERA has a lot of applications such as: cosmetic promotion at high-end of department store's counter or clinics; pharmacy cosmetics promotion for the promotional support of valued drug stores, ...

MicroCAMERA, thanks to the visual communication system, shows on the display a running presentation made with a series of pictures chosen for promotional purposes that attract the client's attention.



## 02 SAFE & SIMPLE

MicroCAMERA is equipped with sensors and opticals to evaluate skin and hair conditions.

MicroCAMERA models have a wide range of magnifying capabilities from 1x to 400x (Panoramic, 20x Cold Light, 20x Wood Light, 50x Cold Light, 50x Fluorescence, 200x Cold Light, 400x Cold Light) and utility functions (such as: Hydration, Elasticity, Sebum Concentration, Wrinkle, Phototype, Hair Caliber, Hair Density) to evaluate the conditions of skin and scalp.

The opticals, with specific light sources, are very easy to use and do not require any focus regulation. MicroCAMERA also includes a technical and scientific manual that will give you a brief explanation of the instrument used. Our company is able to offer its technical support for MicroCAMERA through a training education in marketing and skin imaging.



MicroCAMERA KIT OF OPTICALS  
MONITOR 12" LCD TV

## 03 THE OPTICALS

The MicroCAMERA opticals are extremely simple to use and do not require any type of regulation. The opticals can be inserted easily into the probe. There are two types of light sources: cold light and wood light. The cold light opticals emitted white light while the wood light opticals emitted ultraviolet radiation. Two accessories complete MicroCAMERA equipment and optimize space and usage: the suitcase and the trolley. The suitcase, perfect for portable MicroCAMERA, has zip pockets and zip closure compartments to embrace the opticals and the trolley has an extractable drawer with dividers for the opticals.



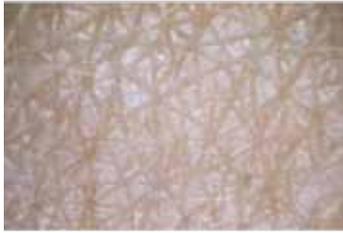
MicroCAMERA and its suitcase..



### Optical Panoramic (1X) - OT-2000

The optical panoramic is a manual focus optical in which the operator has to adjust the focus of the lens by hand. It can be used to take pictures of skin and hair.





### Optical 20X – Cold light– OT-2020

Visualized Area: 14 x 10,5 mm (1,47 cmq).

The optical 20x cold light is equipped with a cold light illuminator. It allows to observe wrinkles and skin pigmentation problems and to distinguish between young and mature skin by the observation of the skin texture.



### Optical 20X – Wood light – OT-2021

Visualized Area: 14 x 10,5 mm (1,47 cmq).

The optical 20x wood light is equipped with a wood light illuminator. It is used to help analyse skin conditions such as blemishes that are barely visible to the naked eye or to recognize some mycosis fungoides.



### Optical 50X – Cold light – OT-2050

Visualized Area: 5,6 x 4,2 mm (22,4 mmq)

The optical 50x cold light is equipped with a cold light illuminator. It is essential to know the skin type (normal skin, oily skin, combination skin, dry skin and sensitive skin) and to identify some skin anomalies (black heads, white heads, spots, pimples, chaps, rubefaction...).

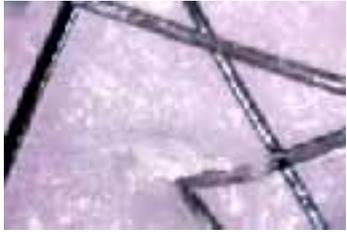


### Optical 50X – Fluorescence – OT-2051

Visualized Area: 5,6 x 4,2 mm (22,4 mmq)

The optical 50x fluorescence is equipped with a fluorescence illumination light source. It is necessary to distinguish between seborrheic and not seborrheic skin; it allows to see oxidized sebum and its oxidation state.





### Optical 200X –Cold light – OT-2200

Visualised Area: 1,4 x 1,05 mm (1,47 mmq)

The optical 200x cold light is equipped with a cold light illuminator. It is used to detect scalp anomalies (seborrhoea, dryness, dandruff, scalp sensitivity, seborrheic dermatitis, psoriasis, pediculosis...) and hair problems (hair shaft damaged, split ends...).



### Optical 400X –Cold light – OT-2400

Visualized Area: 0,7 x 0,525 mm (0,37 mmq)

The optical 400x cold light is equipped with a cold light illuminator. It is used to assess the hair problems. The hair shaft and hair bulb are examined using plastic supports called tricoplast.



### Polarizing Microscope–OT-2500

The polarizing microscope is used in trichological scientific studies to investigate some metabolic damages caused by an excess of lactic acid and/or squalene or to know the phase of hair life cycle (Anagen - Growth Phase, Catagen-Transitional phase, Telogen-Resting Phase).



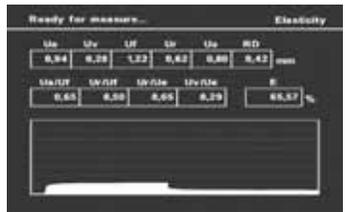
## 04 MicroCAMERA MEASURING DEVICES



### Skin Hydration Measuring Device – OT-2580

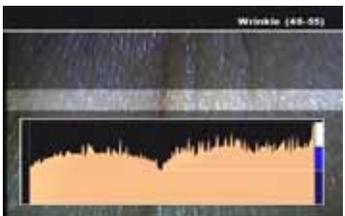
The skin hydration measuring device allows a well-established method to reproducibly and accurately determine the hydration level of the skin surface. It is the world's best-selling skin hydration measurement device.

The measurement can detect even slight changes in the hydration level. The reproducibility of the measurement is very high and the measurement time is very short.



### Skin Elasticity Measuring Device – OT-2550

The skin elasticity measuring device includes a chamber to be positioned adjacent to a skin. The chamber having an opening that exposes the skin to changes in an air pressure in the chamber and a pump to vary the air pressure in the chamber. MicroCAMERA captures images of surface profiles of the skin in response to changes in the air pressure in the chamber. The skin elasticity can be quickly measured.



### Wrinkle Measuring Device – OT-2520

The wrinkle depth measuring device allows to measure the size of the wrinkles.

Wrinkle size is measured with a skin surface profilometric method. It is a simple and effective method for measuring wrinkles depth.



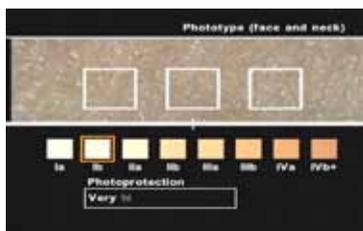


### Sebum Measuring Device – OT-2510

The sebum measuring device is the most widely acknowledged and successful device for measuring surface lipids concentration.

The sebum production is measured using quantitative gravimetric analysis.

The measurement with this optical allows determination of even slightest changes in the skin surface sebum content.



### Phototype Measuring Device – OT-2530

The phototype measuring device allows to determinate the skin phototype.

Skin colour is measured using colorimetry method and it is determinated on the medial surface of the arm and on the neck.

The evaluation of phototype with this device is easy, fast, objective and reliable.



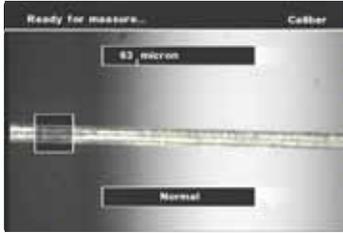
### Hair Density Measuring Device – OT-2560

The hair density measuring device allows to determinate the number of hairs.

The hair density and thickness are measured using the phototricogram technique.

This device is used to determinate the number of hairs and the hair density per square centimetre.





### Hair Caliber Measuring Device – OT-2570

The hair caliber measuring device measures the diameter of a hair strand to distinguish the different types of hair.

Fine hair has a diameter of 50 microns, Medium hair has a diameter between 60-90 microns and Coarse hair has a diameter of 100 microns and above.



### Wood Light and Fluorescence Light

A Wood's lamp is a diagnostic tool used in dermatology by which ultraviolet light is shone onto the skin of the patient.

Wood light is used in dermatology because also helpful in diagnosing fungal infections (some forms of tinea) and bacterial infections (Corynebacterium minutissimum is coral red, Pseudomonas is yellowish-green and Propionibacterium acnes exhibits an orange glow under the Wood light). Fluorescence light is used for the skin examination to visualize the skin comedos (yellow or orange according to the sebum oxidation degree).

The ultraviolet black light does not damage the skin.





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