

Worldwide Acknowledged Skin Testing Equipment

Made in Germany



Display-Devices



Quick Skin Analysis for Cosmetic Consultation at the POS

Measurement of Skin Parameters

- World market leader for skin testing equipment since 1986
- Instruments used around the globe in research, dermatology and at the point of sale
- Full range of measurement parameters and cameras for skin type analysis
- From small handheld battery powered devices to smart multi-parametric systems with sophisticated software
- Ideal tools to promote cosmetic products & treatments
- Flexible customized solutions of hard- and software to suit the needs of your brand
- Combination of measurements according to your specific requirements
- From adding just your logo to creating your own design, everything is possible



Courage + Khazaka electronic GmbH

Mathias-Brüggen-Str. 91 50829 Köln Germany

Telefon +49 221 9564990 Fax +49 221 9564991

info@courage-khazaka.de www.courage-khazaka.de

Underline Your Expertise in Cosmetic Consultation with the Multi Dermascope MDS 1000

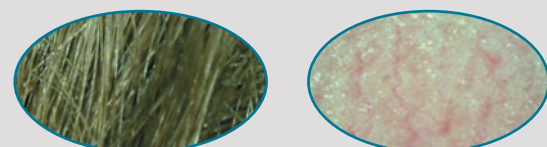
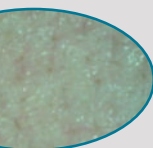
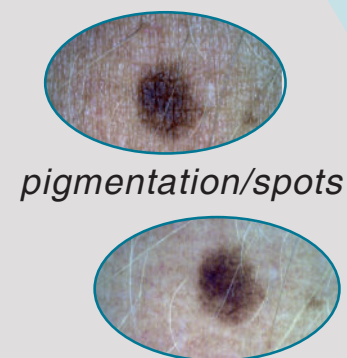
Multi Dermascope MDS 1000



results and interpretation on the display

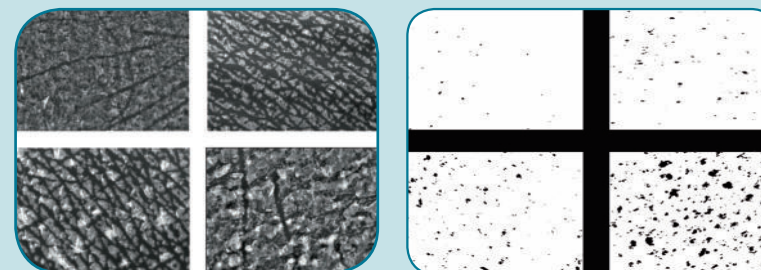
Measurement of

- **moisture**
- **oil (sebum)**
- **skin elasticity**
- **melanin content & need for sun protection**
- **Visioscope® skin camera** for impressive close-up images of skin & hair
- **scaliness and sebum production** with the special foils **Sebufix®** and **Corneofix®**



hair

couperosis



Expert Skin Advice at the Point of Sale

Pen Station PS 100



- **Hydro Pen HP 10**
(moisture)
- **Skintone Pen TP 20**
(pigmentation)
- **Sebu Pen SP 15**
(sebum, with pads)
- **Visioscope® Palm VP 25**
(camera images with polarized light)

quick - easy - battery operated



Hydro Pen HP 10 - Skin Moisture				Sebu Pen SP 15 - Skin Oil (Sebum)			
	T-zone, cheek, eyelid, corner of the mouth, temple, upper part of the body, back, neck	arm, hand, leg, elbow			T-zone, scalp	cheek, eyelid, temple	corner of the mouth, upper part of the body, back, neck
dry	<30	<5		dry	<40	<30	<20
tendentially dry	30-55	5-25		normal	40-70	30-65	20-45
sufficiently moisturized	>55	>25		oily	>70	>65	>45

Skintone Pen TP 20 - Skin Pigmentation					
Fitzpatrick Photo-type	Description	Melanin content (0)	Self protection time	risk for sun damage, sunburn, sunstroke, skin cancer	risk for burns, hyperpigmentation & scars due to treatments with chemicals, heat or lasers
I	Very fair, pale skin, often red hair and many freckles in burning, immediate and severe sunburn if unprotected in the sun	0-9	5-10 min.		
II	Light fair skin, usually blonde hair, some freckles, minor sunburn, often painful sunburn	10-14	10-20 minutes		
III	Light brown skin, often dark blonde to brown hair, some freckles, mild sunburn, rarely blisters	15-22	20-30 min.		
IV	Brown to olive skin, dark brown to black hair, almost no sunburn and fast tanning	23-30	30-40 min.		
V	Medium brown skin	31-40	40-60 min.		
VI	Black skin	>40	60 min. (and more)		



You want to find out more? Visit us on www.courage-khazaka.de