

Interpretation Chart Pen Station PS 100

Skintone Pen TP 20 - Skin Pigmentation

People are divided in groups of different skin- or phototypes, depending on tanning or sunburn. Each type has a different self protection time (time you can stay unprotected in the sun without burning). The application of sunscreen products at the right time (30 minutes before sunbathing) prolongs the self protection time by the sun protection factor of the product.


The melanin content is individual for every person, depending largely on the phototype. To attribute the phototype only to the melanin content is however not possible, as there is strong overlapping.

For the determination of the six phototypes we have the following average experienced data (approximation only):


Phototype	Description	Melanin content Ø	Self protection time
I	Celtic Type: Very fair, pale skin, often red hair and many freckles no tanning, immediate and severe sunburn if unprotected in the sun	0-20	5-10 minutes
II	Caucasian Type: fair skin, usually blonde hair rarely tanning, often painful sunburn.	5-35	10-20 minutes
III	Mixed Type: light brown skin, often dark blonde to brown hair good tanning, rarely burns	20-50	15-25 minutes
IV	Mediterranean Typ: brown to olive skin, dark brown to black hair almost no sunburn and fast tanning	45-80	20-30 minutes
V	Asian/Indian skin	45-90	30-40 minutes
VI	Black skin	90-99	30-60 minutes (and longer)

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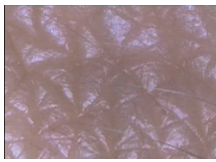
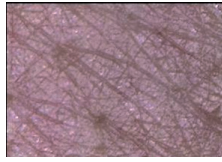
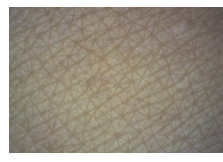

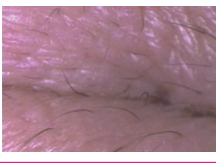

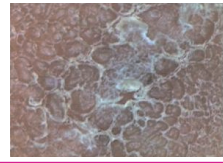

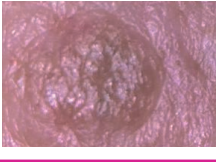
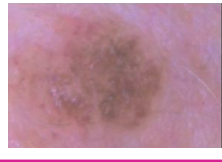


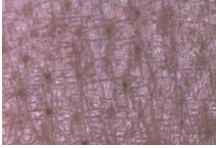


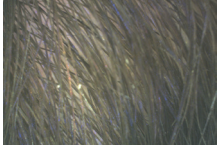

Hydro Pen HP 10 - Skin Moisture

	T-zone, scalp, cheek, eyelid, corner of the mouth, temple, upper part of the body, back, neck	arm, hand, leg, elbow
dry	<30	<5
tendentially dry	30-55	5-25
sufficient moisturized	>55	>25

Sebu Pen SP 15 – Skin Oil (Sebum)

	T-zone, scalp	hair	cheek, eyelid, temple	corner of the mouth, upper part of the body, back, neck	arm, leg, hand, elbow
dry	<40	<15	<30	<20	<5
normal	40-70	15-40	30-65	20-45	5-25
oily	>70	>40	>65	>45	---

Visioscope® Palm VP 25

	Sample Images				
	skin structure with/without skin surface reflection			young vs. aged skin structure - with reflection	
	crow feet with/without skin surface reflection			<- dry skin – with reflection	
	anomaly with/without skin surface reflection			<- nail- with reflection	
	large pores with/without skin surface reflection			<- scalp – with reflection	
				-> facial erythrosis w/o reflection	
				-> sun damage décolleté – w/o reflection	
				-> scalp – with reflection	
				-> dandruff – w/o reflection	