

## DermaLab Temperature Probe



### Temperature Probe

The DermaLab Temperature probe provides quick and accurate measurements of skin surface temperature. Measurements can be performed independently or before and after a skin intervention.

#### Technology

The probe features an infrared sensor, and measurements are based on infrared temperature measurements.

#### Specifications

- Principle: Non-contact infrared sensor for skin surface temperature
- Display mode: Deg. Celsius or deg. Fahrenheit
- Range: 10-50 °C/50-122 °F
- Resolution: 0.1 °C

#### Benefits

- Non-contact skin measurements eliminate bias from skin contact
- The software provides immediate results in deg. Celsius or deg. Fahrenheit
- The software supports several measurements at a time with continuous updates of the average
- Measurement names are customizable for organized data management

### APPLICATION

Skin temperature is affected by ambient temperature, blood perfusion, and epidermis thickness, and the body regulates it through vasodilation or vasoconstriction within the skin's microcirculation. These mechanisms are triggered to protect the normal integrity of the skin, as uncontrolled skin temperature potentially can increase its susceptibility to damage.

#### Examples of fields of application with the Temperature Probe:

- To measure before/after skin treatments
- Efficacy testing of products, claim support, and clinical research analysis

**Note:** The probe is not a medical device and is not intended for medical purposes such as diagnosis or monitoring of skin disease.

### The Temperature Probe

Is one of 11 parameters available for the customizable skin analysis tools: The DermaLab Combo and the DermaLab Mini. This probe is also available as a single parameter.

To learn more about our solutions, visit [cortex.dk](http://cortex.dk)



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