



SKIN-THERMOMETER ST 500

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BENEFITS

- 🌀 Reproducible and accurate measurement
- 🌀 Quick and reliable measurements
- 🌀 Contactless measurement
- 🌀 Calibration data stored in the probe
- 🌀 Small and lightweight for easy handling and measurement on all skin sites
- 🌀 Regular calibration by user to ensure accuracy of measurements
- 🌀 Single and Continuous measurements possible
- 🌀 Probe head can be easily cleaned after each measurement

Skin temperature measurement is a valuable tool in many fields of application. It can be used in efficacy testing, claim support, objective clinical analysis, occupational medicine, medical consultancy and many more fields. Temperature measurement is a useful tool for accompanying other measurements, for example hydration can vary with different skin types (e.g. warmer skin has higher hydration values).

MEASUREMENT PRINCIPLE

The measurement principle is based on relative infrared temperature measurement. It is non-contact giving immediate results.

FIELDS OF APPLICATION

- 🌀 Ideally suited for product development, claim support and efficacy testing
- 🌀 Can be used for diagnosis and research in dermatology and occupational medicine

AVAILABLE FORMATS

MULTIPROBE ADAPTER SYSTEM

The Skin-Thermometer ST 500 probe can be plugged in to all of the computer driven MPA devices (MPA 2, MPA 6, MPA 10 & Cutometer® dual MPA 580)

MULTI DISPLAY DEVICE MDD 4

The Skin-Thermometer ST 500 is available as a stand alone device through the MDD 4. Supplied with a room condition sensor it is possible to add a further two measurements. In addition to the colour screen for displaying results the MDD 4 can be connected to a computer and measurements recorded using the MPA software.

WIRELESS PROBE

Measurements are transmitted via radio to a small receiver unit RR 200 which is connected to the computer at the USB port. The values can be transmitted from a distance of 5-10 m. The values are collected using special MPA Wireless software. The probes are battery operated.

TECHNICAL INFORMATION

Length: 13.5 cm, Weight: approx. 85 g, Measuring surface: Ø2.4 cm, Measurement range: 15-35°C, Accuracy: ±0.5°C, Resolution: 0.01°C

Technical changes may be made without prior notice