



With speed and far away... even extremely high surface temperatures can be measured without contact on various materials. Wherever the contact with the measured object has to be avoided or is impossible, the "Tempray" line is applied. E.g. electrically hazardous facilities, hygienically stored foods or pharmaceuticals, in air conditionings as well as in high or far away measuring locations. As long as the measured spot does not exceed the object's size, measurements can be conducted location-independent.

- lighted LC-Display
 - high resolution digital display
 - laser class 2 instrument!
 - field-proven, economical
 - safe, handy, robust, fast
- building services • food industry • automobile and supplier industry • medical technology • materials testing

Professional Line

Measuring element/ -principle:
Range of application:
Units:

Varieties:

Id-No.

Measuring range:
Accuracy at 23°C:
Resolution of display:
Resolution optical:
Emission ratio:
Response time:
Storage:
Interface:
Software:
Supply voltage:

Weight:

Series (8300) Tempray

infrared radiation • laser pointer • optical • non-contact
operating area 0...+50°C • spectral region 0.7...14 µm • free visibility on test objects
°C • °F - switchable

Mini

00.08300.000 000

-18...+260°C

± 2%

1°C

6:1

0.95

0.5 s

-

-

-

9V-block battery

0.23 kg

ST 30

00.08301.000 000

-32...+545°C

± 1%

0.2°C

12:1

0.95

0.5 s

-

-

-

9V-block battery

0.32 kg

ST 80

00.08302.000 000

-32...+760°C

± 1%

0.1°C

50:1

adjustable

0.5 s

12 measurements

-

-

9V-block battery

0.32 kg

MX4+

00.08303.000 000

-30...+900°C

± 1%

0.1°C

50:1

adjustable

0.25 s

12 measurements

RS 232

Windows-compatible

2 batteries type AA

power supply unit

0.48 kg

Further data see separate folder.

