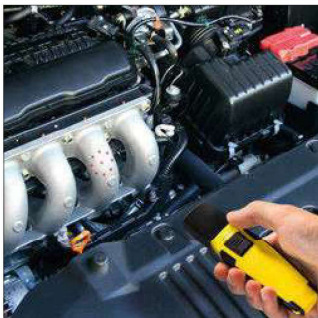


BP21WP Pyrometer controlled via smartphone

The BP21WP impresses with sensible performance data and features in this device class including an optical resolution of 10:1, a temperature measuring range between -30 °C and +250 °C, a degree of emission adjustable according to the specific material or a useful multi-point laser, which automatically visualizes the size of the measuring spot.

The combined application of the appSensor and the appertaining, free MultiMeasure Mobile app comes with many valuable and practical advantages for the user, e.g. the multi-coloured graphic representation of temperature curves or of the temperature distribution on a wall by means of a colour matrix as otherwise only way more expensive measuring devices can achieve.

With MultiMeasure Mobile you can make use of many more specific sensor features and analysis functions. Besides the indication of minimum, maximum and average values you can for example define individual limit values – exceeding or falling below these thresholds automatically triggers an alarm. Compare temperatures measured at different points in time directly on site or use the appSensor along with the corresponding thermohygrometer appSensor for a differentiated dew point control.



A few practical benefits

- Development, design, production: 100 % Trotec
- Non-contact surface temperature measurement from -30 °C to +250 °C
- Multi-point laser
- Measuring optic 10:1
- Maximum, minimum value and hold function
- High-quality sensor technology and numerous measuring functions
- Intelligent combination of appSensor and The MultiMeasure Mobile app
- Logging function
- Chart representation of measurement data
- Report generation
- Alarm function
- Automatic switch-off
- Variety of further measuring and analysis functions
- Practice-optimized German industrial design – protected design patent

Technical data

Article number	3.510.006.031
Measuring range	-30 °C up to 250 °C / -22 °F up to 482 °F
Accuracy	±3 °C (at > 0 °C) ±2 °C / ±2 % (at ≤ 0 °C)
Resolution	0.1 °C / 0.1 °F
Smallest measuring spot	Ø 12.7 mm (Distance 254 mm)
Degree of emission	0.95
Response time	0.3 s
Spectral sensitivity	8 - 14 µm
Optical resolution (D:S)	10:1
Functions	Battery status indication, Minimum value display, Maximum value display, Average value display, Hold function, Automatic switch-off, Alarm function, Long-term measurement function, Multi-point laser aiming aid, Non-contact measurement method, Representation of measurement data as chart, matrix or table, Data export, Report generation function
Data interface	Bluetooth 4.0
Power supply	3 x 1.5 V, AAA
Dimensions	24.3 mm x 37 mm x 150.5 mm
Weight	180 g
Scope of delivery	Measuring device, Battery(-ies), Wrist strap, Operating manual

