

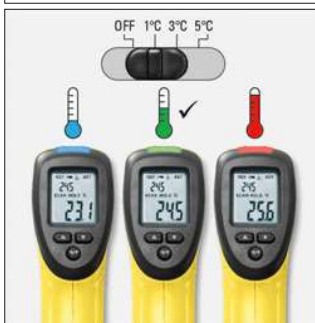
# BP17 Pyrometer

Variably adjustable sensitivity levels of 1 °C, 3 °C and 5 °C

Thanks to its equipment and the optimum value-for-money ratio, the BP17 is perfectly suited for applications in the business and hobby sector.

With an optical resolution of 10:1 the pyrometer measures temperature values in the range from -50 to +380 °C without contact. For temperature measurements sensitivity levels of 1 °C, 3 °C and 5 °C can be preselected – depending on a reference temperature. Exceeding or falling below this preselected differential value is indicated by an acoustic and visual alarm function. Using the selectable visual targeting laser, you can easily determine the centre of the measuring point.

Moreover, the backlit display and the automatic switch-off function as well as the user-friendly pistol design of the infrared thermometer ensure effortless working.



## A few practical benefits

- Non-contact surface temperature measurement from -50 °C to +380 °C
- Selectable visual targeting laser
- Measuring optics 10:1
- Acoustic and visual alarm when exceeding/falling below a preselectable temperature difference
- Adjustable sensitivity levels: OFF / 1 °C / 3 °C / 5 °C
- LED indication when exceeding/falling below the threshold
- Backlit display
- Battery status indication
- Automatic switch-off

## Technical data

|                          |   |
|--------------------------|---|
| Article number           | 3.510.003.029   |
| Measuring range          | -50 °C up to 380 °C / -58 °F up to 716 °F   |
| Accuracy                 | ±2 °C / ±2 % (at > 0 °C)<br>±3 °C (at ≤ 0 °C)   |
| Resolution               | 0.1 °C  |
| Smallest measuring spot  | Ø 12.7 mm (Distance 127 mm)   |
| Degree of emission       | 0.95  |
| Response time            | < 0.5 s   |
| Spectral sensitivity     | 8 - 14 µm   |
| Optical resolution (D:S) | 10:1  |
| Functions                | Switching function °C/°F, Automatic switch-off, Backlit display, Selectable single laser pointer, LED indication when exceeding/falling below the threshold, Visual signal transmitter, Acoustic signal transmitter, Automatic reference temperature, Battery status indication |
| Power supply             | 1 x 9 V block battery   |
| Dimensions               | 185 mm x 40 mm x 135 mm   |
| Weight                   | 220 g   |
| Scope of delivery        | Measuring device, Battery(-ies), Operating manual   |

