

# IR Temperature Monitor

ITeR



## EQUIPMENT

ITeR is a compact, portable and high-precision device that periodically checks, in real time, the measurement accuracy of thermometers and infrared cameras.

All devices used for temperature measurement require continuous calibration cycles, as the technologies used are strongly influenced by variations in ambient temperature.

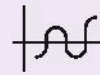
ITeR connects via Bluetooth to the Android APP or iOS for smartphones and tablets, through which you can set the set-point or receive notifications of alarms and anomalies.

Thanks to the PID algorithm integrated in the system, maximum source stability is guaranteed. The effectiveness of the use of a distributed source allows excellent uniformity in heat distribution, making the use of ITeR immediate and simple.



### Temperature

from T ambient  
at +45°C



### Accuracy

+/-0,1°C



### Measuring area

100x100 mm



### Uniformity

+/-0,3°C



### Resolution

0,1°C



### Dimensions

130x105x60 mm



### Alarms

High/Low  
Temperature



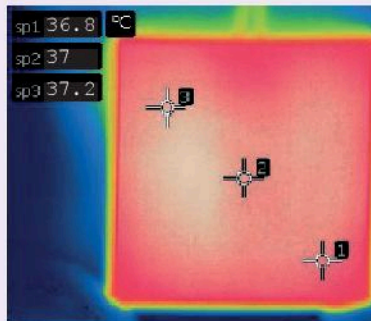
### Power supply

Battery  
Rechargeable  
(220-230 50Hz)



Technical Data	ITeR
Temperature [°C]	from T ambient to +45
Accuracy	+/-0.1°C (compared to set point)
Measuring Area [mm]	100x100
Uniformity of Temp. [°C]	+/-0,3
Resolution [°C]	0,1
Dimension [mm]	130 x 105 x 60
Weight [kg]	0,3

## Spectrum Uniformity



## Optional accessories

- **Desk kit**, allows to be placed on a desk
- **Gates kit**, with pedestal from the ground allows easy use in the vicinity of manned gates
- **Wall kit**, allows wall installation and multi-panel configuration, flanking more than one unit to form a uniform temperature matrix

Go to your browser for info:

[bit.ly/32QYKoN](https://bit.ly/32QYKoN)

All technical data are specified for units with standard equipment at an ambient temperature of +24 °C and a voltage fluctuation of ±10 %.



FDM - ENVIRONMENT MAKERS  
 Technical specifications are subject to change