

CLARK SOLUTIONS**Model TN002PC & TN205L Infrared Thermometers***Low Cost Thermometers for Non-Contact Temperature Measurements*

These units are ultra compact size infrared thermometers but they don't sacrifice reading stability and accuracy.

Model TN002PC, with the clip-on feature, is convenient carry to everywhere there is an interest in taking a surface temperature measurement. The response time is less than one second, so measurements are fast.

TN205L are palm size infrared thermometers with a built-in laser for targeting. With 6:1 or better DIS ratio, TN205L is a good choice for daily operation and maintenance applications.

TN205L FEATURES

- NIST traceable
- IR-SoC technology (Infrared System on Chip) and Batch Calibration technology drive the dimensions and cost to the lowest limits
- New Low voltage technology, no more 9V battery
- Emissivity Adjustable
- Max; Min and Lock (continuous reading) modes
- Two separate batteries for Measurement and Laser. The device can still function if Laser battery runs out
- Unique Double Action Switch, allow easy control of laser, to prevent laser damage

**GENERAL**

Specifications	TN002PC	TN205L
	Key Applications	General/Retail
DS(Distance to Spot) Ratio	1:1	6:1
Temp. Measurement Range	-27 to 428°F (-33 to 230°C)	-27 to 482°F (-33 to 250°C)
Ambient Operating Range	32to 122°F (0 to 50°C)	32to 122°F (0 to 50°C)
Laser	no	1 Dot
Emissivity	Fixed (0.95)	0.95 default,Adjustable (.05-1.0)
Modes	-	Min, Max, Lock
Accuracy, Tobj.=15-35°C, Tamb=25°C	±2% or 2°C (whichever is greater)	±2% or 2°C (whichever is greater)
Resolution at -9.9 to 199°C/F	0.1°C/0.1°F	0.1°C/0.1°F
Repeatability (25°C)	0.2°C	0.15°C
Response Time (90%)	1 sec	1 sec
Dimensions	3.4" x 0.8" x 0.6" (86.5 x 19.4 x 14.8 mm)	4.0" x 2.0" x 0.9" (103 x 50 x 22.5 mm)
Carry Case	No	Metal Case Included
Weight (with Batteries)	39.50 grams	65 grams
Batteries	2 ea. LR44 1.5v cell battery	2ea. CR2032
Typical Battery Life	30 hours	40 hours

ORDERING INFORMATION**MODEL NUMBER**

TN002PC

TN205L

Refer to our infrared technical bulletins for more information on the science behind these devices