

Dual Lasers Infrared Thermometer

TN 418 SERIES

ZyTemp

A new way to measure temperature

- Select operating modes and adjust parameters easily.
- Built-in jack support and K-type TC probe with "mini" style connector
- With White LED Flashing(option)
- Various Measurement Range & DS Ratio for option



TN418LD & TN418L1 -- usually stocked items

TN418LA(E)
TN418LB(E)
TN418LC(E)
TN418LD(E)
TN418L9(E)



TN418L3(E)
TN418L2(E)
TN418L1(E)
TN418L0(E)
TN418L9(E)

Model No	TN418LD(E)	TN418LB(E)	TN418LA(E)	TN418L9(E)	TN418LC(E)	TN418L3(E)	TN418L2(E)	TN418L1(E)	TN418L0(E)	
Description	IRT + Laser + Thermocouple socket, (E) with LED Flashlight (option)					IRT + Laser, (E) with LED Flashlight (option)				
Measurement Range	-60~625°C (-76~1157°F)	-60~760°C (-76~1400°F)			-60~500°C (-76~932°F)	-60~500°C (-76~932°F)	-60~625°C (-76~1157°F)	-60~500°C (-76~932°F)	-50~400°C (-58~752°F)	
Operating Range	0~50°C (32~122°F)									
Accuracy (Tobj=15-30°C, Tamb=25°C)	±1.0°C (±1.8°F)									
Full Range Accuracy (Tamb=23±1.3°C)	Tobj=0~625°C: ±1.2% of reading or 2°C (4°F) whichever is greater. Tobj=-60~0°C: ±1.2°C (0.05/degree)	Tobj=-60~0: ±1.2% +0.05/degC/degC. Tobj=0~760: ±1.2% of reading or 2°C (4°F) whichever is greater			Tobj=-33~500°C: Tamb=23±1.3°C: ±1.2% of reading or 2°C (4°F) whichever is greater	Tobj=-33~500°C: ±1.2% of reading or 2°C (4°F) whichever is greater	Tobj=0~625°C: ±1.2% of reading or 2°C (4°F) whichever is greater. Tobj=-60~0°C: ±1.2°C (0.05/degree)	0~500°C: ±1.2% of reading or 2°C (4°F) whichever is greater. -60~0°C: ±1.2°C (0.05/degree)	Tobj=-33~400°C: ±1.2% of reading or 2°C (4°F) whichever is greater	
Resolution (1/4-1/16 sec)	0.1°C/0.1°F									
Response Time (90%)	0.5~1 sec.									
Distance:Spot	16:1	30:1	20:1		12:1		16:1	12:1	9:1	
Emissivity Range	0.1~1 Step.01						Fixed 0.95			
Update Frequency	1.4Hz									
Dimension	46x143x184.8mm(1.81X5.63X7.28 inch)									
Wave Length	8um-14um						5um~14um			
Battery Type	AAA x 2									
Mode	Ave, Dif, HiLow Alarm, Max, Min, Lock					RTMAX, °C/°F Switchable				
Battery Life	180 hrs typical (without Laser and LCD backlight)					18 hrs typical (with Laser and LCD backlight)				
Thermocouple Probe	Small Socket, K type, 12minutes auto PowerOff									
Measurement Range*	-64~1400°C (-83.2~1999°F)									
Probe Accuracy	±1.1% of reading or 1°C (1.8°F) whichever is greater (Test under Tamb=23±1.6°C)					---				

Select operating modes and adjust parameters easily

Built-in jack supports any K-type TC probe with "mini"-style connector

Available Probes

