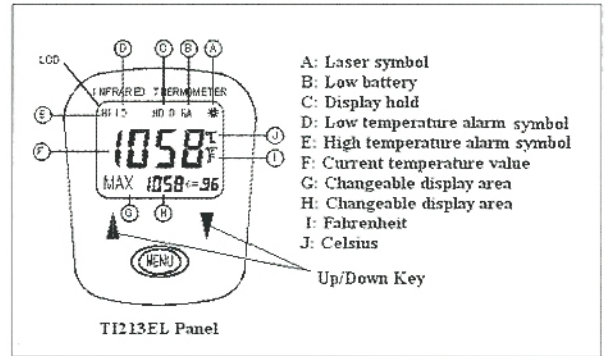


# Portable Infrared Thermometer Series



- Fast and reliable noncontact temperature measurement
- Temperature Range from -20°C to 3000°C (see table below)
- °C/°F selectable
- Various Sighting Modes: Laser, Coaxial Laser, Telescope
- Adjustable Emissivity, Backlight
- Tolerance Alarm
- Display of Max., Min., Δ T, Avg. and real time value
- Display holding, Wide Application



## Technical specification

	TI120EL	TI130	TI213EL	TI315	TI315E
Measuring Range	-20-500°C	-20-350°C	-25-1200°C	400-1800°C	500-3000°C
Accuracy	± 1% or ± 1°C whichever is greater	± 2% or 2°C (± 3.5F) whichever is greater	± 2% or 2°C (± 3.5F) whichever is greater		
Repeatability	± 1% or ± 1°C whatever is greater		± 0.5% or ± 0.5°C whatever is greater		
Display resolution	0.1°C or 0.1°F	0.2°C or 0.2°F		1°C or 1°F	
Distance to spot Size	8:1	8:1	80:1	120:	120:1
Spectral Response	8-14mm	8-14mm	8-14mm	2.1-2.4mm	2.1-2.4mm
Emissivity	0.30-1.00 adjustable	0.95 fixed	0.15-1.00	1.10-1.00	0.10-1.00
Response Time	≤ 700ms	≤ 400ms	≤ 200ms		
Sighting Mode	Laser		Coaxial laser	Telescope	
Emissivity Switch	V		V	V	
Temperature Display	°C/F selectable			°C/°F selectable	
LCD Backlit		V	--	--	
High/low Alarm	V	High Alarm	V	V	
Display hold(7 Second)		V	V	V	
Low Battery Alarm		--	V	V	
Work Temperature	0°C ~ 40°C		-18°C-50°C	-10°C-50°C	
Relative Humidity	10%-90%RH noncondensing up to 30°C (86°F)		10%-90%RH noncondensing up to 30°C (86°F)		
Storage Temperature	-20°C ~ +60°C (without Battery)		-20°C ~ +60°C (without Battery)		
Power	AAA 1.5V battery (two pieces)		6F22 9V battery (two pieces)		
Battery life	50H when LCD and Laser is off				
Weight/dimensions	170g / 170 × 89 × 42mm		500g/185° × 170 × 50mm	600g/185 × 200° × 50mm	