

LOW COST PYROMETERS

	TI200	TCT200	TCT500	TI750	TI1000 TI1001	TI1300	TI1600
							
	Adjustable emissivity Auto hold and power off Fast Response Time Compact Foldable Stand	Dual measurement with T/C probe Adjustable emissivity Auto hold and Power off Fast Response Time	Dual measurement with T/C socket Auto hold and power off Fast response Time Laser pointer	Field of view 12:1 Built in Laser Automatic Data Hold Back Lighting Display Auto Power off	Wide Temp. Range Built in Laser Automatic Data Hold High and Low Alarm Adj. emissivity Field of view 30:1, 50:1	Field of view 50:1 Built in Laser Automatic Data Hold Back Lighting Display Auto Power off	Wide Temp. Range Built in Laser Automatic Data Hold High and Low Alarm Adj. emissivity Field of view 50:1
Temp. Range	-33...220°C	-33...220°C	-60...500°C	-50...750°C	-50...1000°C	-50...1300°C	-50...1600°C
Spectral Range	5...14 µm	5...14 µm	8...14 µm	8...14 µm	8...14 µm	8...14 µm	8...14 µm
Field of View	1:1	1:1	11:1	12:1	30:1 50:1	50:1	50:1
Response Time	1 Sec.	1 Sec.	1 Sec.	1 Sec.	1 Sec.	1 Sec.	1 Sec.
Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Measuring Uncertainty	± 2.5% or 2°C.	± 0.6°C	± 1°C	± 1.5% or 2°C	± 1.5%	± 3.5% or 5°C	± 3.8% or 5°C
Sighting	-	-	Laser Targeting Light	Laser Targeting Light	Laser Targeting Light	Laser Targeting Light	Laser Targeting Light
Emissivity	0.10...1.0 Adjustable	0.10...1.0 Adjustable	0.10...1.0 Adjustable	0.95 Fixed	0.10...1.0 Adjustable	0.10...1.0 Adjustable	0.10...1.0 Adjustable
Contact probe		Thermocouple Probe K Type Grounded	Thermocouple Socket				
Battery Life	40 Hrs	40 Hrs.	25 Hrs	40 Hrs.	40 Hrs.	40 Hrs.	40 Hrs.
Dimension (BxWxD)	67x36x18mm	156x40x24mm	175x72x70mm	230x56x100mm	230x56x100mm	230x56x100mm	230x56x100mm

Note : Coloured data are only valid for the respective type of pyrometer, the black data for all types of the same columns