

**SPECIFICATION FOR OPTICAL PYROMETER**

General: Portable hand held battery operated digital optical pyrometer for measuring range of 550°C to 3000°C.

**Technical specification:**

Range:	550°C to 3000°C
Least count:	1°C
Display:	Digital display in view finder and with external display and hold facility
Measuring Modes:	Continuous, Average, Peak and Valley
Focusing range:	1 metre to $\infty$
Target size:	5mm at 1m
Emissivity adjustment:	0.10 to 1.20 in 0.01 step graduations
Response time:	30ms
Display updates time:	0.5s
Accuracy:	$\leq 0.25\%(K)$ of reading
Repeatability:	$\leq 0.1\%(K)$ of reading
Operating temp. range:	0 to 50°C
Power requirement:	Standard available battery
Indication:	Over range & low battery

**Standard accessories:**

Operating manual  
Carrying case  
Window filter & lens cap  
Wrist strap  
Battery for initial operation  
Factory Calibration Certificate

**PLEASE NOTE:**

1. The instrument offered can be better than the above specifications
2. Should have service facility in India preferably with factory trained engineers to take care of the equipment supplied and to reduce the down time.
3. The product catalogue should contain only the product offered in depth preferably highlighting the model offered.
4. Two sets of original product catalogue to be enclosed with the offer, without this offer will be rejected totally.
5. Vendor should submit the offer with detailed specification of the product offered. The offers given as “**as per your specifications**” will be rejected