

# NON-CONTACT INFRARED THERMOMETER

Product # 027591 | Model # IRT-520



- Allows accurate measurement of temperature without contact
- Ideal for use in inaccessible areas and where moving parts or high heat make contact measurement dangerous
- Many uses including: automotive applications, food and beverage industries, chemical industries, cement plants, road building, HVAC, pool maintenance, etc.
- Gives instant readouts
- Selectable laser pointer for accurate aim
- Backlit display for easy reading
- Automatic data hold



## TECHNICAL SPECIFICATIONS

Accuracy	+/- 2°C or 2% of reading
Class	II
Display	3-1/2 digit (1,999 count) LCD with backlighting
Emissivity	0.95 fixed
Field of view (distance : spot size)	0.334027777777778
Max. Power Output	< 1 mW
Measuring range	-20°C to 520°C / -4°F to 968°F
Operating Temperature	0°C to 41°C / 32°F to 105°F
Power Off	Automatic shutoff
Power Supply	9 V battery
Relative Humidity	10 – 95%

(operating)  
Repeatability 2% or 3°F  
Response Time 1 sec. approx.  
Spectral Response 7 – 18  $\mu$ m  
Wavelength 603 – 670 nm