

Specialty Meters

381 IR, 368 IR, & 505 SPECIFICATIONS



381



505



368

381	
Non-contact IR Range	-20° to 300°C (-4° to 572°F)
Basic Accuracy	±2% of reading or ±3.5°F, whichever is greater
Response Time	500 msec
Spectral Response	7 to 14 μm
Emissivity	0.95 fixed
Field of View (Distance to Target)	8:1
Operating Temp Range	0° to 50°C (32° to 120°F)
368	
Non-contact IR Range	-22° to 120°C (-8° to 248°F)
Basic Accuracy	±2% of reading or ±4°F, whichever is greater
Response Time	500 msec
Emissivity	0.95 fixed
Field of View (Distance to Target)	1:1.3
Operating Temp Range	0° to 40°C (32° to 104°F)
505	
Photo Tachometer Range	6 to 30,000 RPM ±0.1% FS + 1 digit
Contact Tachometer Range	6 to 20,000 RPM ±0.1% FS + 1 digit
Surface Speed Range	0.9 to 3046 m/min ±0.1% FS + 1 digit; 2.0 to 9990 ft/min ±0.1% FS + 1 digit
Operating Temp Range	0° to 50°C (32° to 122°F)
Operating Humidity Range	<80% RH
Power Supply	2 AA batteries

All products include a one year warranty on probes and leads, a two year warranty on sensors, and a three year warranty on meters.

381 IR Thermometer

- Non-contact temperature sensing for safe surface temperature measurements
- Temperature compensated for accurate readings at low temperatures
- Easy-to-use one-button operation
- Laser pointer to show the center of the target to be measured
- Backlit LCD for easy readability
- Low battery indication

368 IR Thermometer

- 1/8" spot at 1.5"
- Pocket sized for easy portability
- Min./max. function
- Auto data hold
- Easy-to-read display

505 Tachometer

- Non-contact (photo) and contact RPM & surface speed
- Wide Measuring Range: 0.5 to 30,000 RPM
- Last measurement, maximum measurement and minimum measurement automatically saved and recalled
- 5-digit LCD for easy visibility

APPLICATIONS



ORDERING INFORMATION



MODEL	MFG PART #	DESCRIPTION	CE	RoHS
U003-0010	381	IR Thermometer with laser pointer	●	●
U003-0016	368	IR Thermometer, close range	●	●
U003-0017	505	Tachometer	●	●