

Data Sheet

Model 636

Non-Contact Infrared Thermometer with Laser Pointer

The 636 is a portable easy to use 3 1/2 digit, compact sized infrared digital thermometer with laser pointer, designed for simple one hand operation. The meter comes with a Back lit LCD display. Auto hold function and auto power down (10 seconds approx.) after releasing the Trigger to extend battery life.

- **Bright back lit LCD**
- **Laser pointer**
- **Reading hold**
- **Adjustable emissivity**
- **Wide temperature range of -22 to 1022 degrees Fahrenheit**



Specifications		model
	636	
Measurement Range	-22°F to 1022°F / -30°C to 550°C	
Resolution	1°F 0.5/1°C	
Accuracy	±(4°F/2°C) for -22°F to 212°F, -30°C to 100°C ±(2% of reading) for 213°F to 1022°F, 101°C to 550°C ^a	
Response Time	0.25 second (approx.)	
Spectral Response	6 to 14μm nominal	
Emissivity	0.1 to 1.0	
Field of View	100Ømm at 1000Ømm	
Detection Element	Thermopile	
Operating Temp. & R.H.	32°F to 122°F (0°C to 50°C) at <70% R.H.	
Storage Temp. & R.H.	-4°F to 140°F (-20°C to 60°C) at <80% R.H. (with battery removed)	
Power Supply	Standard 9V battery (NEDA 1604, IEC 6F22 006P)	
Battery Life	9 Hours (continuous) typical	
Dimensions (HxWxD)	5.8 x 4.1 x 1.65" (148 x 105 x 42mm)	
Weight	157g including battery (approx.)	

Specifications subject to change without notice