

ENTRON® High Resolution Heavy Duty Vibration Meter & IR Thermometer



Model EN-307VT Measures Acceleration, Velocity, Displacement, and Non-Contact Infrared Temperature.

Features:

- High Resolution. ACC: 0.01m/s², 0.001g, 0.01 ft/s²,
VEL: 0.01mm/s, 0.001 cm/s, 0.0001inch/s, DISP: 0.01 μm
- Measures vibration in: ACC (acceleration), VEL (velocity) and DISP (displacement). Stores 100 data points in memory.
- Measures in multiple units: Acceleration in g's, m/s², ft/s².
Velocity in mm/s, in/s, cm/s., Displacement in μm.
- Measures Non-Contact Infrared Temperatures in °C/°F.
- Laser pointer for making IR measurement
- ISO 10816-1 severity chart on front panel for easy pass/fail test of machinery.
- Stores 100 records manually
- Can read recorded data directly from LCD display.
- Auto shut off saves battery life.
- Functions: RMS, PEAK, MAX, HOLD, MAX HOLD
- Max Hold feature. Displays maximum value measured – and freeze display-, and only increase if measured value is further increased.



What's in the Box:

- ✓ EN-307VT meter, NIST Traceable Calibration Certificate & user manuals.
- ✓ Padded Carrying case, AA x 2 Battery, Stinger Probe.
- ✓ Accelerometer on 1.2 meter cable, and Al-Ni-Co Magnetic base.

Specifications:

Parameter	Measuring Range	Frequency Range	Accuracy
Acceleration	0 ~ 20 G's (RMS or pk)	10 Hz ~ 20 kHz	± (3% + 0.2)
Velocity	0 ~200 mm/s, (RMS or pk)	5 Hz ~ 1 kHz	± (3% + 0.2)
Displacement	0 ~200 μm. (pk -pk)	20 Hz ~ 1 kHz	± (3% + 0.2)
Infrared Temperature	0°C ~ 300°C, or (32 °F ~ 572° F)	Emissivity 0.95	D:S Ratio 8:1
Modes of measure	RMS, Peak, Hold, Max Hold, Max.	Laser pointer for IR measurement	
Data Storage	100 readings manually.	64,000 records (Vibration only)	
Power Supply	AA x 2	Operating Environment:	-10°C to 50°C.,
Physical	Dimensions: 152 x 83 x 32 mm.	Weight: 1.2 kg	

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- Price and ordering information.

EN-307-VT (Vibration & IR Temperature).....Vibration meter & Infrared Thermometer, Remote Sensor, Magnetic Mount, Stinger Probe, AA batteries x 2, and soft carrying case.

PRICE:..... USD \$ 650.00

- Warranty Information: The vibration meter is unconditionally warranted for normal use for period of 5 year from date of purchase.

