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VIB® 05 +
Portable vibration meter

MORE FLEXIBLE
MORE ACCURAT[E]

Vibration total level

Infrared temperature

High precision

Intelligent alarm

AST
에 / 이 / 에 / 스 / 티

How to accurately and effectively judge the operating status of equipment and bearings is very important for equipment maintenance personnel. Excellent predictive maintenance will help reduce unplanned equipment downtime and greatly reduce overall maintenance costs.

VIB05+ is a very advanced mechanical troubleshooting tool that also has vibration measurement, infrared temperature measurement and intelligent alarm functions. Superior ergonomic design, easy operation, built-in ISO10816-3 international vibration level standard, and high-resolution color display, intelligent real-time indication of equipment alarm status, making condition monitoring (CBM) easier.

VIB05+ Complete Kit

Stainless steel probe

Mains battery charger

Meter

Vibration sensor

Magnetic base

Connecting cable

Equipment Health Monitoring and Diagnosis

VIB05+ Portable vibration meter
3 most-wanted measurement

Vibration   Temperature

ISO

Intelligent Alarm

VIB05+ main functions

Machine Vibration Total Level
Velocity in mm/s RMS; Acceleration in g RMS;
Displacement in um Peak-Peak;
Bg - Hi Frequency Acceleration in g RMS.

Infrared Temperature
Non-contact Infrared Sensor, Target and Environment in °C or °F, Red Laser Pointer.

Intelligent Alarm
Vibration Evaluation: Acoording to ISO10816-3, and with high-resolution color display, it can intelligently indicate the alarm status of the equipment in real time.

Vibration sensor connector

Laser pointer

Infrared temperature measurement built-in sensor

VIB 05+ technical specifications

Display	TFT color display, 128x160 pixels	
Sensor	Accelerometer	
Sensitivity	100mV/g	
Vibration	Measurement Range	Velocity: 0-200mm/s RMS
		Displacement: 0-2000μm Peak-Peak
		Acceleration: 0-20 g Peak
		BG: 0-20g Peak
	Frequency Range	velocity、displacement、acceleration (10-1,000Hz)
		Bg - Hi Frequency Acceleration (1,000-12,000Hz)
Accuracy	+/-5%	
Alarm Indication	Built-in ISO 10816-3 equipment vibration level standard (intelligent colour indication)	
Temperature	-20 °C to 120°C or -5°F to +250°F	
Accuracy	±2°C; Resolution: 1°C;	
Power & Charger	Lithium rechargeable battery, 3.7V 1600 mAh, Recharge time 3 hours ;	
	Operating time >30 hours continuous	
Operation temperature	-10℃-50℃	
Dimensions	115 x 75 x 25mm （LxWxT）	
Weight	230g (including sensor)	