Examiner 1000 and OnTime Software

Examiner 1000 overall vibration meter and electronic stethoscope is the ideal tool for cost-effective predictive maintenance. This meter is simple to operate with only one button and volume adjustment. Troubleshoot bearings and lubrication with the digital LCD and stethoscope features to enhance machinery reliability. Compare your vibration results by using the ISO 10816 Severity Chart right on the meter. **N.I.S.T. traceable calibration is available.**



Examiner 1000

Example Applications:
- Bearings
- Gearboxes
- Lubrication
- Pumps
- Motors
- Fans

Features

- Measure vibration in:
  - **Acceleration**- perfect for high-speed applications
  - **Velocity**- in English of Metric per ISO 10816
  - **Acceleration Envelope**-high-pass filter method
- Electronic Stethoscope-troubleshoot while listening to the bearing

SPECIFICATIONS		EXAMINER 1000
Amplitude Ranges	Acceleration: Velocity: Envelope:	0.01 to 19.99g (RMS) 0.01 to 19.99 in/sec (RMS) 0.1 to199.9 mm/sec (RMS) 0.01 to 19.99 ge (PEAK)
Frequency Ranges		Overall: 10 Hz to 10 kHz Envelope: 0.5 kHz to 10 kHz
Display Indications		LCD 3.5 digit with Measurement, Hold and Low Battery
Vibration Sensor		Piezoelectric Accelerometer 100 mV/g
Output		Audio: (3.5 mm) mini plug Sensor Power: 12 Vdc @ 2 mA
Power		(2) "AA" cell batteries
Operating Time		20 hours continuous without phones
Environmental		-14 to 122 °F (-10 to 50 °C)
Dimensions		6.3 x 3.3 x 1.25" (152 x 83 x 32 mm)
Weight		2.85 lbs (1.30 kg)



Examiner 1000 Kit with OnTime Trending Software

VIBRATION SEVERITY PER ISO 10816

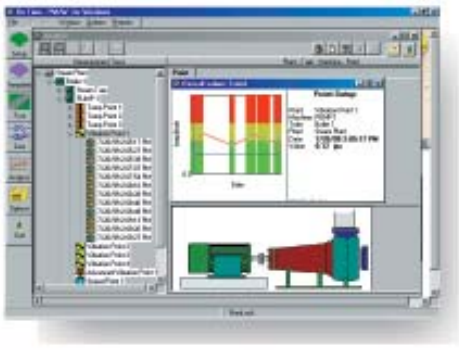
Vibration Velocity Vrms			Class I small machines	Class II medium machines	Class III large rigid foundation	Class IV large soft foundation
	in/s	mm/s				
	0.01	0.28				
	0.02	0.45				
	0.03	0.71		good		
	0.04	1.12				
	0.07	1.80				
	0.11	2.80		satisfactory		
	0.18	4.50				
	0.28	7.10		unsatisfactory		
	0.44	11.2				
	0.70	18.0				
	0.71	28.0		unacceptable		
	1.10	45.0				

Overall Vibration Severity Chart, located on the front panel of the Examiner 1000, provides instant status of measured machinery.

OnTime Trending Software is a simple-to-use, graphical program designed for condition-based maintenance through the routine trending of vibration and process information. Trending is the best method to judge the dynamic operating conditions of your machinery. **On-Time** helps you to manage all key machinery operating conditions.

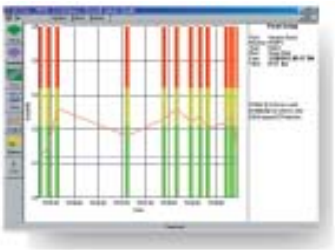
Trend:
- **overall vibration readings**
- **temperature**
- **speed**
- **process measurements of any type**





On-Time is easy to set-up. Building the user-defined database of collection points is simple and intuitive. Construct entire Plants with complex machines and data collection points in minutes. Cut, paste, copy and edit-all the familiar windows features are here.

On-Time graphically displays automatically built trends of the data entered. User defined alarms are set and if violated, an immediate visual alarm is displayed in the software. This allows for instant identification of machines which require corrective action. Compare any type of data.



Ordering Information

Examiner 1000 System Vibration Meter, Sensor Pak, Headphones, Carrying Case, OnTime GP Software

Examiner 1000 Kit Vibration Meter, Sensor Pak, Headphones, Carrying Case and OnTime GPlite Software

Examiner 1000 Vibration Meter with Sensor Pak, Headphones, Carrying Case, No OnTime Software included

OnTimeGP Software for windows 95/98, XP and NT 4.0