SENDIG

909z-6 Multi-Parameter Machine Condition Meter

Extremely reliable and potable, low cost instrument specifically designed for on site maintenance in your plant or workshop. This easy to use instrument requires little operator training.

Features:

- Small pen-size with accelerator included.
- Automatic power off.
- 4 digital LCD display.
- Displays both Metric & Imperial Units.
- Multi-parameter vibration, bearing parameter (acceleration envelope) & IR temperature measurements.
- One button control power, parameter selection, ISO10816 group selection, measurement and hold function.
- Includes remote switch and magnet base to avoid handheld problems for reliable and consistent data.
- Measuring vibration velocity, displacement & acceleration envelope to check machine/bearing health with yellow/red/green LED indicator.
- Build-in ISO10816 Group 2 & -3 selectable.
- Optional external or integrated accelerometer
- Optional magnet base and remote switch
- 3 year warranty.

Specifications:

Range	Displacement 0.1 – 3000 μm (or 0.03 – 120 mil)			
	Velocity 0.1 – 250 mm/s (or 15 in/s) true RMS			
	Acceleration 0.1 – 100m/s² (0.01 – 10g)			
	High Frequency Acceleration Enveloping 0.1 – 25 units			
Overall Accuracy	± 5%			
Operation Environment	0 - 50 ℃ & Relative humidity < 85%			
Frequency response	Displacement 10 – 500 Hz			
	Velocity 10 – 1000 Hz			
	Acceleration 10 – 1000 Hz			
	Envelop Acceleration 5 Hz – 2 kHz, demodulated from 3kHz – 10kHz			
Battery	2 AA batteries, 3.6 V, 20-29 mA & >100 hours of continuous operation			
Dimensions	110mm x 35m x 17mm (w x d x h)			
Weight	100g (include batteries)			
Case Material	Aluminum			

Distributed By:

Electro-Mechanical Controls Pty Ltd

Unit 5, 19 Daniel St, Wetherill Park, NSW, 2164, Australia

Tel: +61 2 9757 4602 **Email:** sales@linmast.com

Fax:: +61 2 9757 4603 **Website:** www.linmast.com

SENDIG

Velocity measured

Displacement measured

909z-6 Multi-Parameter Machine Condition Meter

Indicator for machine health according to ISO 10816-2/3:

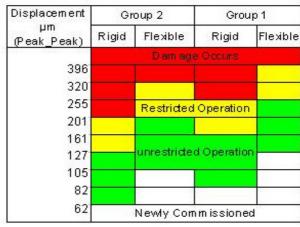
ISO 10816-3 Machinery Group 1-4



Displacement μm (Peak_Peak)	Group 4		Group 3		
	Rigid	Flexible	Rigid	Flexible	
	Damage Occurs				
396				T	
320		1		+	
255		-		_	
158	+	Restricted Operation			
102		Restricted Operation			
79		Unrestricted Operation		1	
62		Tomesmeted operation			
51					
31	Newly Commissioned			1	

ISO 10816-2 Steam Turbines And Generators





Fax:: +61 2 9757 4603 **Website:** www.linmast.com