

# CXM EZ-Analyser



## Product Features

Route  
Spectra  
Envelope  
Analysis  
USB Communication

Frequency Response  
Data logger  
Overall Level  
Bearing Energy  
Transducer Check  
Balancing ( Optional)



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# CXM EZ-Analyser

<b>Display</b>	<b>Resolution</b> <b>Viewing Area</b> <b>Backlight</b>	<b>Color Graphic TFT</b> 320x240 RGB 72.88 x 55.36mm White LED	<b>EMC</b>	<b>Radiated/conducted Emissions</b> RF, ESD, fast transient immunity
<b>Mechanical</b>	<b>Size</b> <b>Weight</b> <b>Protection Class</b> <b>Sealed Connectors</b>	Aluminum 180 x 190 x 55mm 950g IP54 with protection cap	<b>Vibration Transducers</b>	Accelerometers Input 2 Channels Sensitivity 100mV/g Input Impedance 50kOhms Power Supply 4.2mA @ 24V DC
<b>Environment</b>	<b>Operating Temp.</b> <b>Operating Humidity</b>	-20°-80°C 80% RH 0-50C non-cond. 70% RH -20°-80°C non-cond.	<b>Tachometer</b>	PNP or NPN standard Photocell Input TTL Pulse Measure Distance 0.1-2.0m Range 120-60000RPM Accuracy Max. ± 5RPM
<b>Battery</b>	<b>Voltage</b> <b>Capacity</b> <b>Operation Time</b> <b>External Charger</b>	6 x 1.2 NiMH AA Type rechargeable 7.2V nominal 2.4Ah 8 hours 12V @ 2A Supply 100-240VAC @ 50-60Hz	<b>Vibration Indication</b>	Acceleration -80g, Units/ max. level Velocity – 100mm/s, Displacement – 10mm Accuracy ± 2%  Frequency Response ± 0.2dB 0.5Hz-400Hz ± 0.2dB 10Hz-1kHz ± 0.5dB 2Hz-1.6kHz ± 0.5dB 4Hz-3.2kHz ± 0.5dB 8Hz-12.8kHz  Units µm, mm/sec, g, in/sec, mils Average Peak, P-P, RMS
<b>Communications</b>		USB, Mass Storage Device 4GB	<b>Analysis</b>	RPM, Total Level, x1, x2 and x3 RPM
<b>Route</b>		Co-operating with <b>CXSpectra</b>	<b>Bearing Status</b>	A coefficient indicating Bearing Faults
<b>Spectrum</b>	<b>Frequency Ranges</b>	1000, 1600, 3200, 6400 and 12800 Hz	<b>Balancing ( optional)</b>	One or two plane 120-12000RPM
<b>Envelope</b>	<b>Frequency Ranges</b>	600-1200Hz 1200-2200Hz 2200-3200Hz 3200-6400Hz 6400-12800Hz	<b>CXM set contains:</b>	
<b>Frequency Response</b>		Coast up/Coast down	<ul style="list-style-type: none"> <li>- Display Box</li> <li>- 1 x Accelerometer with Magnet</li> <li>- 1 x 1m Transducer Cable</li> <li>- Extension Tip</li> <li>- Charger</li> <li>- USB Communication Cable</li> <li>- Manual</li> <li>- Carrying Case ( Aluminium)</li> </ul>	

**Sole Distributor:**



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