

CX20 Vibrometer is a new generation, precision, low power, true rms converter.

CX20 is a combined analogical/digital Instrument. It computes analogical, a precise equivalent of the rms value of the vibration waveforms, including complex patterns such as those generated by bearings or gear box teeth. Its accuracy spans a wide range of input levels and temperatures. The crest factor error is <0.5% for CF values between 1 and 10. The Vibration (true rms) value is converted digitally using two 16-bit ADC's (for Vibration and Bearing Energy).

Technical Specifications

Input Sensitivity: 100mV/g at 156,15 Hz
BNC Connector

Display: High-Contrast LCD, 102x64 Pixels

Vibration

Measuring Range: 0-200 mm/s rms
Frequency Range: 10-3200 Hz
Option: 2-3200 Hz

Bearing Energy

Measuring Range: 0-20 g
Frequency Range: 500-20 000 Hz

Battery Type: Alkaline 9V, 6F22, PP3 or similar

Size: 120 x 60 x 25 mm

Operating Temperature: -20 to 60°

Warranty

Instrument: 2 years
Accelerometer: Life Time Warranty

