



## **SPECIFICATIONS**

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INPUT CHARACTERIS	TICS	
Voltage to transducer		27 VDC
Current to transducer,	±20%	2.4 mA
Input impedance		>1 MΩ
OUTPUT CHARACTER	ISTICS	
Output impedance		100 Ω
Maximum output voltage		1:1 with DC decoupling
Noise, 2 Hz - 25 kHz, referred to input: Maximum, gain = 10 or 100		<4.5 µV rms
Spectral noise, referred dB relative to 1V/√Hz:	d as input,	
	10 Hz	-149 dB
	100 Hz	–154 dB
	1 kHz 10 kHz	–154 dB –154 dB
TRANSFER CHARACT		107 40
Gain, acceleration		1, 10, 100
Gain, velocity		1, 10, 100
Gain accuracy:  Maximum error for acceleration mode  Maximum error for velocity mode		±0.3 dB ±0.5 dB
Frequency response, -		0.5 - 50,000 Hz 1.0 - 20,000 Hz
Amplitude nonlinearity		<1%
Total harmonic distortion		<1%
POWER REQUIREMEN	TS	
Internal batteries		(3) 9V alkaline
Battery life		80 hours (typical)
External power, optional		24 - 30 VDC
ENVIRONMENTAL		
Temperature range		0° to +55°C
PHYSICAL CHARACTE	RISTICS	
Dimensions, W x H x D		3 x 1% x 6"
Weight		1.25 lb
Connectors:	Signal input Signal output	BNC BNC

**Accessories available:** NC3 Ni-Cad battery kit; LA704B line adaptor (110V); LA704B-220 line adaptor (220V); CC701 series charge converter



## **Key features**

- Amplifier gain of 1, 10, 100
- · Acceleration or velocity output
- · Visible overload/fault alarm
- Manufactured in ISO 9001 facility

Note: Due to continuous process improvement, specifications are subject to change without notice. This document is cleared for public release.