

# — Calibration Certificate —

Per ISA-RP37.2

Model No. 352C22

Serial No. 24264

PO No. \_\_\_\_\_ Customer \_\_\_\_\_

Calibration traceable to NIST thru Project No. 822/262123-99

## ICP® ACCELEROMETER

with built-in electronics

Calibration procedure is in compliance with ISO 10012-1, and former MIL-STD-45662A and traceable to NIST.

### CALIBRATION DATA

Voltage Sensitivity **9.37** mV/g  
 Transverse Sensitivity **3.5** %  
 Resonant Frequency **91.0** kHz  
 Output Bias Level **8.5** V  
 Time Constant **2.9** s

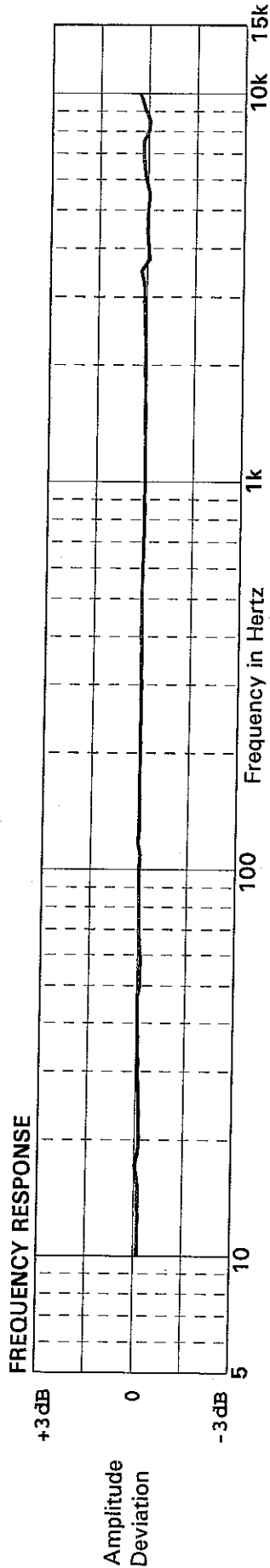
### KEY SPECIFICATIONS

Range **500** ±g  
 Resolution **0.002** g  
 Temp. Range **-65/+250** °F

METRIC CONVERSIONS:  
 ms<sup>2</sup> = 0.102 g  
 °C = 5/9 x (°F - 32)

Reference Freq.

Frequency	Hz	10	15	30	50	100	300	500	1000	3000	5000	7000	10000
Amplitude Deviation	%	-1.3	-1.2	-0.7	-0.9	0.0	0.2	0.5	-0.1	1.1	0.1	2.0	3.4



Piezotronics, Inc. 3425 Walden Avenue Depew, NY 14043-2495 USA  
 716-684-0001

Calibrated by Martin Coleman  
 Date 06-01-2000

*MC*