

# — Calibration Certificate —

Per ISA-RP37.2

Model No. U393B12

Serial No. 4049

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

Calibration traceable to NIST thru Project No. 822/256889

## 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 **9379** mV/g  
 Transverse Sensitivity **9.9** %  
 Resonant Frequency **12.0** kHz  
 Output Bias Level **9.1** V  
 Time Constant **≥3.5** s

### KEY SPECIFICATIONS

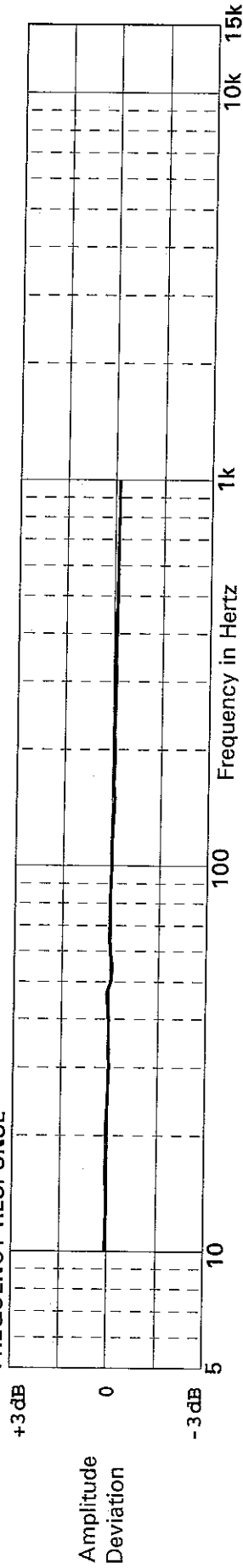
Range **0.5** ±g  
 Resolution **0.000008** g  
 Temp. Range **-50/+180** °F

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
Amplitude Deviation	%	0.9	0.7	0.0	-0.4	0.0	-0.8	-1.0	-1.4

### FREQUENCY RESPONSE



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716-684-0001

Calibrated by John Kessler

Date 06-23-1997