

— Calibration Certificate —

Per ISA-RP37.2

Model No. U353B66

Serial No. 44564

PO No. _____ Customer _____

Calibration traceable to NIST thru Project No. 822/259355-98

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

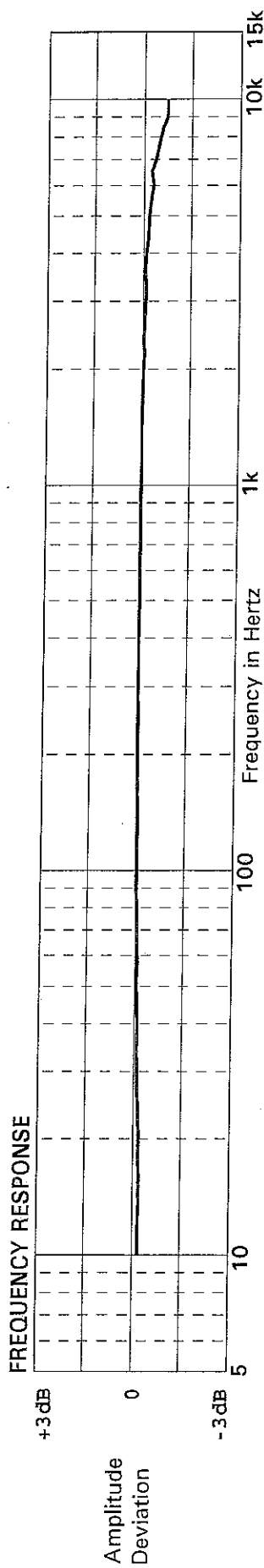
Voltage Sensitivity **105.2** mV/g
 Transverse Sensitivity **0.5** %
 Resonant Frequency **53.5** kHz
 Output Bias Level **16.8** V
 Time Constant **0.6** s

KEY SPECIFICATIONS

Range **50** ±g
 Resolution **0.007** g
 Temp. Range **-65/+250** °F

METRIC CONVERSIONS:
 ms⁻² = 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 | % | -1.7 | -2.1 | -1.0 | -0.5 | 0.0 | 0.3 | 0.2 | 0.1 | -0.8 | -1.9 | -4.1 | -8.0 |



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

Calibrated by Chuck Dimaggio C.D.
 Date 04-15-1999