

# ~ Calibration Certificate ~

Per ISA-RP37.2

Model Number: 353B18

Serial Number: 77816

Description: ICP® Accelerometer

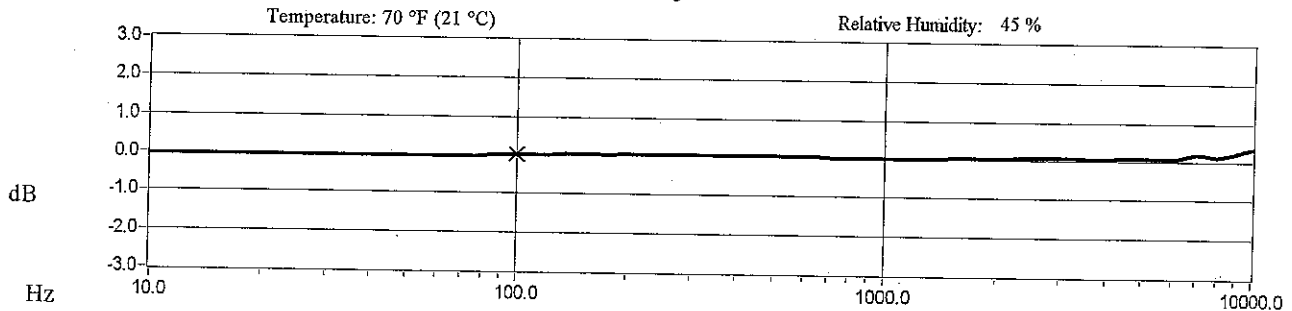
Manufacturer: PCB

Method: Back-to-Back Comparison Calibration

## Calibration Data

Sensitivity @ 100.0 Hz	<b>9.57</b>	mV/g	Output Bias	8.4	VDC
Transverse Sensitivity	0.2	%	Time Constant	1.0	seconds
Resonant Frequency	70.0	kHz			

## Sensitivity Plot



## Data Points

Frequency (Hz)	Dev. (%)	Frequency (Hz)	Dev. (%)	Frequency (Hz)	Dev. (%)
10.0	-0.3	300.0	0.3	7000.0	2.0
15.0	-0.3	500.0	0.5	10000.0	3.7
30.0	-0.6	1000.0	-0.1		
50.0	-0.3	3000.0	0.9		
100.0	0.0	5000.0	0.9		

## Condition of Unit

As Found: n/a

As Left: New Unit, In Tolerance

## Notes

1. Calibration is NIST Traceable thru Project 822/262123-99 and PTB Traceable thru Project 1059-1999.
2. This certificate shall not be reproduced, except in full, without written approval from PCB Piezotronics, Inc.
3. Calibration is performed in compliance with ISO 9001, ISO 10012-1, ANSI/NC SL Z540-1-1994 and ISO 17025.
4. See Manufacturer's Specification Sheet for a detailed listing of performance specifications.
5. Measurement uncertainty (95% confidence level with coverage factor of 2) for reference frequency is +/-1.6%.

Technician: Chuck DiMaggio      Date: 10/15/01

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