

~ Calibration Certificate ~

Model Number: _____

Serial Number: _____

Description: IEPE Accelerometer

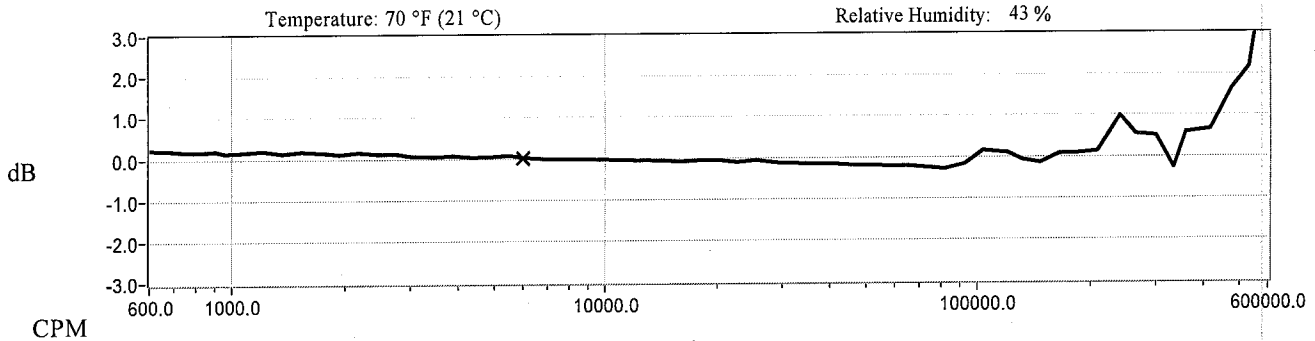
Method: Back-to-Back Comparison (AT401-3)

Manufacturer: _____

Calibration Data

Sensitivity @ 6000 CPM 99.3 mV/g Output Bias 11.5 VDC
 (10.1 mV/m/s²)

Sensitivity Plot



Data Points

Frequency (CPM)	Dev. (%)	Frequency (CPM)	Dev. (%)	Frequency (CPM)	Dev. (%)
600	2.6	18000	-0.8	420000	7.9
900	2.2	30000	-1.7	600000	79.3
1800	1.5	60000	-2.5		
3000	0.7	180000	0.7		
REF. FREQ.	0.0	300000	5.9		

Mounting Surface: Stainless Steel w/Silicone Grease Coating Fastener: Stud Mount
 Acceleration Level (rms)¹: 1.00 g (9.81 m/s²)

Fixture Orientation: Vertical

¹The acceleration level may be limited by shaker displacement at low frequencies. If the listed level cannot be obtained, the calibration system uses the following formula to set the vibration amplitude; Acceleration Level (g) = 0.010 × (freq)². ²The gravitational constant used for calculations by the calibration system is; 1 g = 9.80665 m/s².

Condition of Unit

As Found: With Cable Removed & No Mounting Fixture
 As Left: _____

Notes

1. Calibration is NIST Traceable thru Project 822/277342 and PTB Traceable thru Project 1254.
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/NCSL 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 frequency ranges tested during calibration are as follows: 5-9 Hz; +/- 2.0%, 10-99 Hz; +/- 1.5%, 100-1999 Hz; +/- 1.0%, 2-10 kHz; +/- 2.5%.

Technician: _____ Date: _____



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