~ Calibration Certificate ~

Per ISO 16063-21

Model Number: 352C65

Serial Number: 84707

Description: ICP® Accelerometer Method: Back-to-Back Comparison Calibration

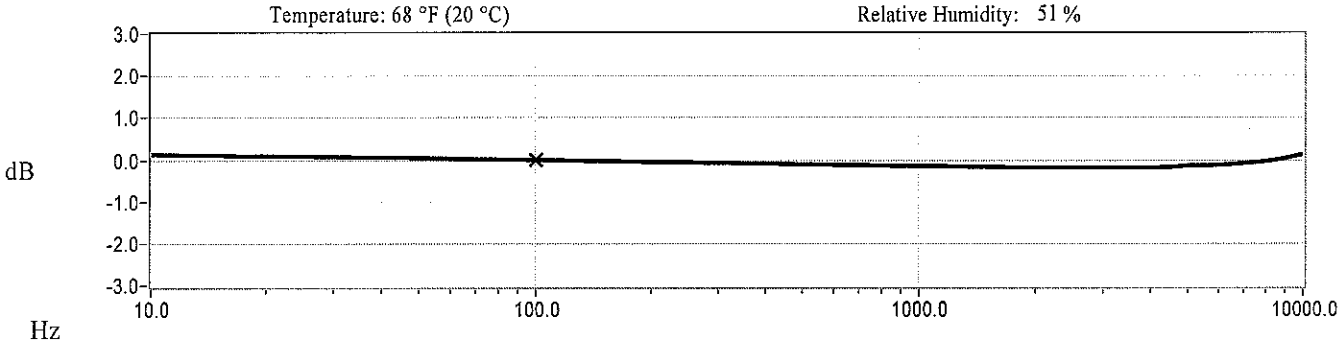
Manufacturer: PCB

Calibration Data

Sensitivity @ 100.0 Hz	**103.3**	**mV/g**	Output Bias	11.5	VDC
	(10.54	**mV/m/s²)**	Transverse Sensitivity	2.1	%
Discharge Time Constant	1.0	seconds	Resonant Frequency	49.8	kHz

Sensitivity Plot

Temperature: 68 °F (20 °C) Relative Humidity: 51 %



Data Points

Frequency (Hz)	Dev. (%)	Frequency (Hz)	Dev. (%)	Frequency (Hz)	Dev. (%)
10.0	1.5	300.0	-0.8	7000.0	-1.0
15.0	1.2	500.0	-1.2	10000.0	1.5
30.0	0.9	1000.0	-1.7		
50.0	0.5	3000.0	-2.1		
REF. FREQ.	0.0	5000.0	-1.6		

Mounting Surface: Tungsten Adapter w/Silicone Grease Coating Fastener: Stud Mount Fixture Orientation: Vertical
Acceleration Level (rms)[1]: 10.0 g (98.1 m/s²)[2]
[1]The 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 x (freq)².
[2]The gravitational constant used for calculations by the calibration system is; 1 g = 9.80665 m/s².

Condition of Unit

As Found: n/a

As Left: New Unit, In Tolerance

Notes

1. Calibration is NIST Traceable thru Project 822/274086 and PTB Traceable thru Project 1060.
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: Brian Kemp BK Date: 07/10/07

ACCREDITED
Cert No 1862.02

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