

~ Calibration Certificate ~

Per ISO 16063-21

Model Number: 603C01

Serial Number: LW505627

Description: ICP® Accelerometer

Manufacturer: IMI

Method: Back-to-Back Comparison AT401-3

Calibration Data

Sensitivity @ 6000 CPM

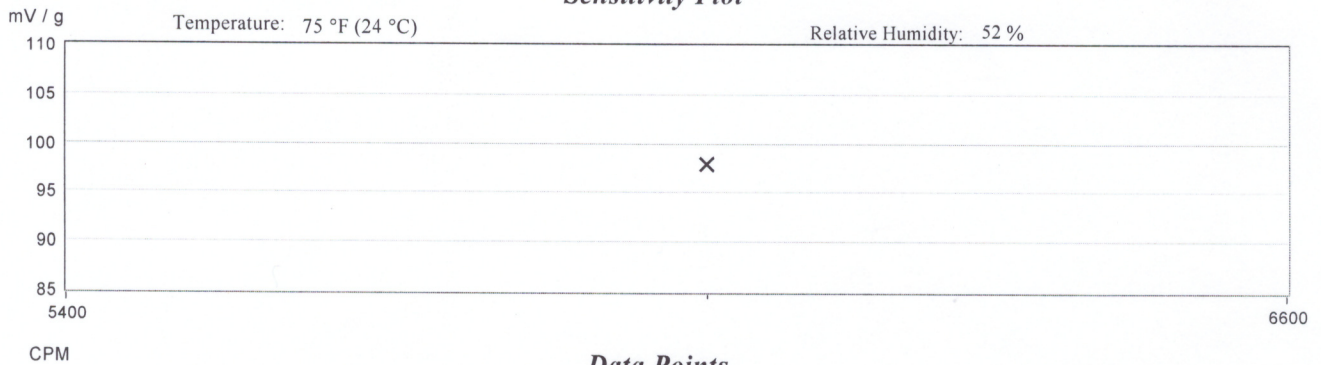
98 mV/g

Output Bias

11.3 VDC

(10.0 mV/m/s²)

Sensitivity Plot



Data Points

Mounting Surface: Stainless Steel Fastener: 1/4-28 Female Fixture Orientation: Vertical

Acceleration Level (pk): 1.00 g (9.81 m/s²)

¹The acceleration level may be limited by shaker displacement at low frequencies. If the listed level cannot be obtained, the following formula is used to set the vibration amplitude: Acceleration Level (g) = 0.00785 x (freq)².

²The 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

Product is compliant with specification if measured value is within or equal to the specification tolerance. Product is not compliant with specification if measured value falls outside of the specification tolerance.

Notes

1. Calibration is NIST Traceable thru Project 684/O-0000035821 and PTB Traceable thru Project 17016.
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 10012-1, ANSI Z540.3 and ISO 17025.
4. Measurement results relate only to the items tested. Refer to Manufacturer's Specification Sheet for performance details.
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%, 10-15 kHz; +/- 5%.

Technician: James Lynch

Date: 11/20/2023



HEADQUARTERS: 3425 WALDEN AVENUE - DEPEW, NY 14043
CALIBRATION PERFORMED AT: 10869 HIGHWAY 903 - HALIFAX, NC 27839
TEL: +1 (888) 684-0013 - FAX: +1 (716) 685-3886 - www.pcb.com

CAL76-3783369080.913+0

