

~ Calibration Certificate ~

Model Number: 130E20

Serial Number: 37763

Description: ICP® Microphone

Manufacturer: PCB

Method ¹: Back-to-Back Reference

Calibration Data

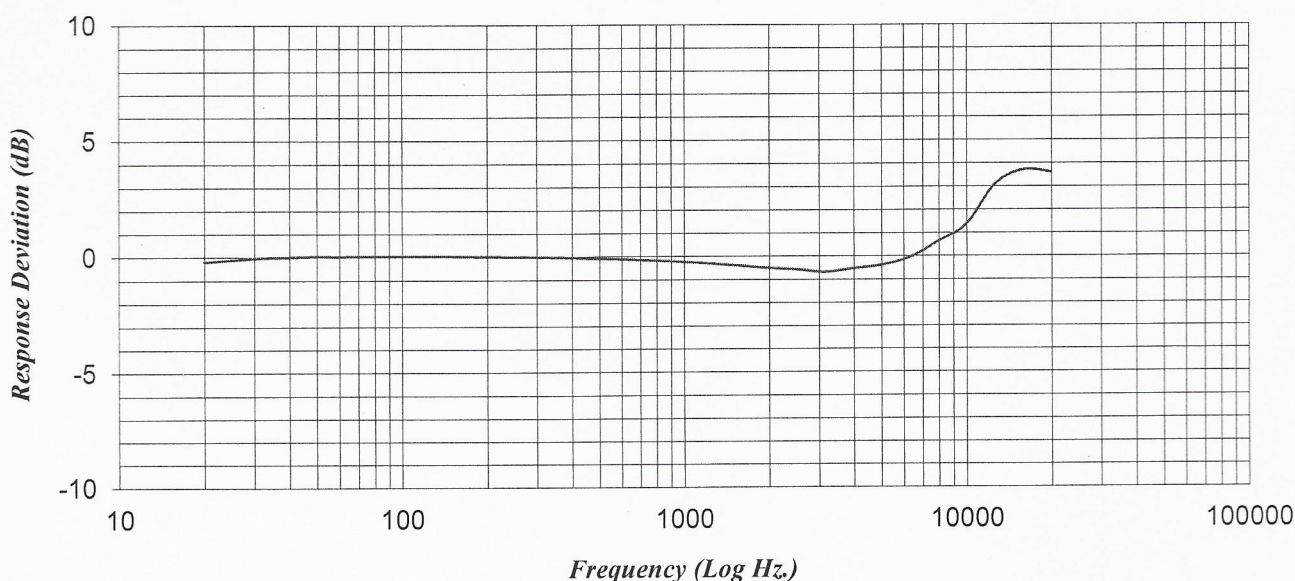
Sensitivity: 38.6 mV/Pa
-28.3 dB re 1V/Pa

Reference Freq.: 250 Hz.
Output Bias: 8.9 VDC

Temperature: 73 °F 23 °C

Relative Humidity: 48 %

Response Plot



Condition of Unit

As Found: n/a
As Left: New Unit, In Tolerance

Notes

1. This method involves comparing the test unit with a reference microphone in a GRAS 51AB calibrator.
2. Calibration is PTB Traceable and calibration records are on file.
3. Calibration is performed in compliance with ISO 9001, ISO 10012-1 and ANSI/NCSL Z540.3.
4. Due to state-of-the-art limitations, 4:1 calibration ratios are not possible on pressure measurement standards, microphones and acoustic calibrators. Calibration ratios for these types of devices are limited to 1:1.
5. See Manufacturer's Specification Sheet for a detailed listing of performance specifications.
6. This certificate shall not be reproduced, except in full, without written approval from PCB Piezotronics, Inc
7. Calibrated per ACS-21.

Technician: Scott Skibniewski

Date: November 15, 2013



Headquarters: 3425 Walden Avenue, Depew, NY 14043

Calibration performed at: 10869 Highway 903, Halifax, NC 27839