



GEOMETRICS

Innovation • Experience • Results

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Our seismographs do not require periodic calibrations in that they do not have any adjustable parameters. With that being said, we do recommend that they be checked for performance and routine maintenance to include intensive analog tests of the acquisition circuitry. A reasonable interval would be around every 5 years for normal usage.

During these tests we verify that the seismograph analog performance meets our specifications by using a seismic test system. This system incorporates a standard reference oscillator and precision resistor networks to inject known signals into the seismograph. We then use algorithms in our software to calculate the response and performance of the analog circuits.

This "performance test" is run whenever we receive an instrument in for repair or evaluation. Some of our customers do prefer to have their instruments performance checked on a periodic basis especially if they are required by their clients; for example, the NRC. We offer the non-traceable recertification's to include a certificate of calibration and test results for a fee of \$300.

If you would like us to perform performance verifications and a system evaluation please visit our support site to reserve an RMA and obtain shipping instructions:

<http://support.geometrics.com/rma.cfm>

There's an option available that allows you to perform daily tests to verify the analog performance of your Geode. It would have to come back to the factory for the option to be installed:

System performance testing with built-in test oscillator for testing instrument noise, DC offset, gain accuracy, gain and phase similarity, distortion, bandwidth, crosstalk, and timing accuracy, includes software. P/Ns 28584-#chT (N module) or 28525-#chT (Z module), 28030-10, 28311-12 \$2,000 plus \$800/8 ch/Geode

If you provide the serial number of your Geode I would be happy to issue a certificate dated when it was manufactured.

Randl P Rivera
Customer Service Supervisor
Geometrics Inc.