

IN NEED OF A NEW CALIBRATION SYSTEM?

Introducing the **Norsonic Nor1525** Acoustic Calibration System



Easy to use turnkey solution for fast and efficient calibration!

The Nor1525 Calibration System includes all the components needed to quickly and easily set up a new calibration station or migrate an existing setup to this state-of-the-art system.



- Fast and accurate calibration of sound measuring instruments including sound level, level stability, frequency and distortion using predefined test signals
- Sensitivity calibration of microphones using the insert voltage methods ensures a high degree of accuracy
- All measurements are securely archived for retrieval and test report generation
- Frequency response calibration of microphones using electrostatic or acoustical methods
- Test signals comply with IEC 61672 and DIN 45657 as well as several other sound level meter standards
- Test of octave and fractional octave filters
- Self-test program available

The Nor1525 Calibration System is capable of calibrating most brands of sound or vibration measurement instrument provided those items are designed in accordance with international standards.



800-224-3813

info@scantekinc.com

www.scantekinc.com

Nor1525 Acoustic & Vibration Calibration System

What's included. . .



The Nor484 Test Unit is central to the Nor1525 Calibration System and is specially designed to include all signal conditioning and automation necessary, with all functions being user controlled by software in the main system computer.



The NorCal009 Computer with Integrated ADC/DAC is custom designed for both electrically and acoustically ultra-low noise performance integrating a dedicated ADC/DAC signal conditioner. Utilizing the latest version of Microsoft Windows OS allows for a robust long-life operating system with updates available on command for long-term calibration performance and stability.



The Norsonic Microphone Calibration Stand/Chamber features a specially designed calibration test stand to acoustically isolate the electrostatic actuator and securely mount the microphone preamp, with isolated pass-through electrical connections for the accurate and repeated calibration of microphone capsules and microphone sets.



The Vaisala PTU303 or Indigo529 Environmental Monitor

transmitters are host devices for Vaisala Indigo-compatible, stand-alone smart probes. Indigo300 transmitters send measurement values to automation and control systems through analog signals, and they can also be used for standalone monitoring.



Nor1281, Electrostatic Actuator Kit

- Nor1203, 1/2" Preamplifier
- Nor1447/2, Preamplifier-BNC Adapter and Microphone equivalent
- Nor1447/L, Preamplifier-BNC Adapter and Microphone equivalent with low capacitance
- Nor1268, 1/2" Electrostatic Actuator
- Nor1277, 1/4" Electrostatic Actuator
- Nor1278, 1/8" Electrostatic Actuator
- Nor1273, 1" to 1/2" Microphone Adapter
- Nor0508026, BNC Terminator, 50 Ohm

Testing Systems Software:

Nor1017, Condenser Microphones Testing Software Module designed around the IEC 61094 International Standard and the ANSI S1.40 American Standard.

Nor1018, Sound Calibrators and Pistonphone Testing Software Module designed around the IEC 60942 International Standard, both 3rd Edition (2003) and 4th Edition (2017), and the ANSI S1.40 American Standard.

Nor1019, Sound Level Meters Testing Software Module Designed around the IEC 61672 International Standard, older IEC 60651 and older IEC 60804 International Standard, the ANSI S1.4 American Standard, and the BS 7580-1 (1997) and DIN 45657 Special National Standards.



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