# Technology News

TMS

## Portable Vibration Calibrator

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In today's world condition monitoring is a critical asset management tool used extensively in the energy, automotive, petrochemical, cement, steel, and paper & pulp industries to proactively monitor the changes and identify potential deterioration in asset performance. The system integration check up during the installation of such vibration based condition monitoring systems or upon overhaul of machines is crucial. It can be performed by a perfect tool Model K9100C, Potable vibration calibrator. It is ideal for in-situ validation of your entire measurement channel including verification of connector and cabling integrity. The TMS Model 9100C Portable Vibration Calibrator (PVC) provides a field tested method for on-the-spot dynamic verification of accuracy Accelerometers, velocity pickups and non-contact displacement transducers.

**Applications:**

- Verification and Calibration of vibration transducers and related test systems.
- Verification of connector and cabling integrity.
- Verification of speed indicator measuring systems

**Features:**

- Self-contained calibrator unit is equipped with rechargeable power source and external power supply
- Flexibility in setting frequency and amplitude ranges (Acceleration, Velocity, Displacement)
- Reports shaker amplitude and frequency in English or metric units on LCD screen
- Ensures accuracy and reliability of test with integrated reference accelerometer traceable to NIST
- Supports sensors up to 750 grams without external support
- Excel macro generates ISO 17025 compliant calibration certificates (K9100C)


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