



MODEL 9155D - 500/501

LINEARITY OPTION

- Perform multipoint sensor linearity check up to 40 g pk using the K394B30 or K394B31 air bearing shaker system, up to 500 g pk using a mechanical amplifier bar (MAB)
- Easy-to-use software GUI automates data acquisition across specified amplitude range
- Allows for measurement at user-defined test frequencies
- Confirms sensor's linearity performance within the test range

TYPICAL APPLICATIONS

- In-House Calibration of Vibration Instrumentation

FOR CALIBRATION SYSTEM MODEL 9155

The Accelerometer Calibration Workstation with Model 9155D-501 Linearity option allows users to perform multipoint sensor linearity checks. Verifying linearity provides additional assurance of sensor health and performance, increasing confidence in measurement accuracy.

Depending on the shaker, linearity checks can be performed up to an amplitude of 500 g pk with a mechanical amplifier bar.

The easy-to-use software GUI automates data acquisition across the specified amplitude range and provides seamless interface with the Model 9155 Accelerometer Calibration Workstation software and database.

The Accelerometer Calibration Workstation Model 9155 features back-to-back comparison calibration of ICP® (IEPE), and charge mode accelerometers for both sensitivity and phase according to ISO 16063-21. Printed certificates fulfill the requirements set forth by ISO 17025 for calibration certificates.

