





Vibration transducer calibration system by Technologies combines easy-to-use automated calibration module of TestUp software with a flexible hardware setup to provide verification of all major types of vibration transducers.

The system uses a well-established method of comparison with a reference transducer according to ISO 16063-21.

The automated calibration module of TestUp provides the following technical capabilities:

- User-defined sine excitation
- Random signal excitation
- Calibration by substitution method
- Automatic calibration of 3-axial sensors
- Transverse sensitivity test
- Manual signal mode

Technical Features	
Frequency range, Hz	0.1 ÷ 105 000
Supported accelerometer types	Charge, IEPE, TEDS
Supported TEDS templates	25
Excitation types	Sine, Random
Calibration by substitution	Supported
Supported Shakers	Any electrodynamic shaker, e.g. TIRA TV51110, TMS K394B30, APS 113-AB

The calibration module provides convenient databases for saving shakers and sensors and automatically generates comprehensive reports after each calibration procedure.

The system comprises RL-C21 or RL-C25 vibration control unit and a specialized sensor calibration module of TestUp.

The product is intended for R&D, quality control in production, and laboratories.



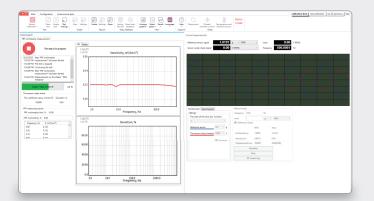
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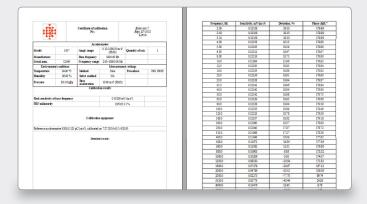
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Vibration Transducer Calibration by **RULA** Technologies







The subsystem provides fail-proof accuracy greater than other systems on the market.

• Shorter calibration time

Using the calibration module considerably decreases calibration time. For example, it only takes 3 minutes to determine sensor FRF, when using random signal.

• Intuitive Interface

Thanks to our user-friendly interface and reliable technical support, the subsystem is easy to learn and operate.

• Fully automated procedure

The module performs calibration automatically, providing comprehensive instructions for operating the hardware.

• Compliance with international standards

The system provides calibration procedures complying with ISO 16063 and other international standards.

Safety checks

In the course of calibration the software automatically takes into account shaker limits and selects the required values of acceleration to make sure that your equipment is safe.

• Report generation made easy

The software provides user-defined templates to create full and comprehensive reports on the calibration procedures.



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