Calibrator for noise testers

MEA 6A

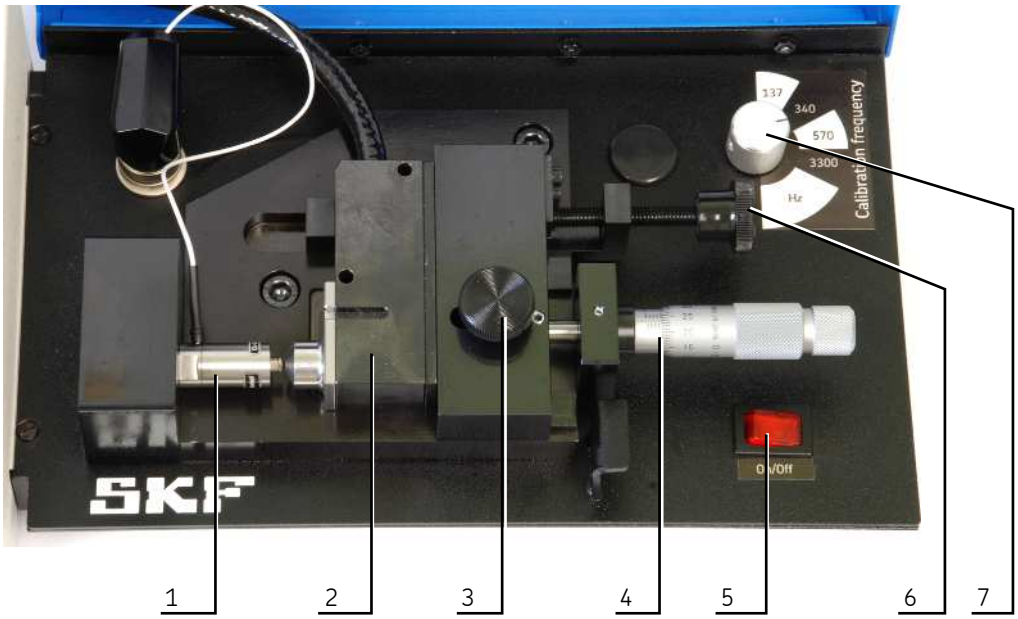
General description

For SKF noise testing equipment such as MVH, MVM, MVU, MVS and BeQuiet, both the pickup and the electronics of the equipment must be calibrated regularly to give correct test results. The MEA 6A is the ideal device for carrying out these calibrations. The MEA 6A is capable of calibrating the pickup together with the measuring electronics. The calibration unit MEA 6A is designed to meet high standards in terms of accuracy and user friendliness.

Device description

The MEA 6A provides defined sine wave signals at spot frequencies. These signals are fed to a piezo crystal which generates vibration signals which are read by the pickup. In order to make sure that the MEA 6A is in good condition, it should be returned to SKF QT annually for an A-level calibration. The equipment will be sent back to the laboratories in a calibrated status with a calibration sticker.

Panel description



1 Piezo crystal
2 Pickup under test
3 Clamping screw for fixing pickup
4 Micrometer for adjusting pickup position
5 Main switch
6 Clamping screw for fixing pickup
7 Frequency selection switch

Technical specifications

- Electronics
  - Calibration frequencies: 137, 340, 570, 3 300Hz
  - Amplitude: 50 µm/s
- Dimensions and power requirements
  - Dimensions (H × W × D): 320 × 440 × 120 mm *(12.60 × 17.32 × 4.72 in.)*
  - Weight: Appr. 10 kg *(22.05 lbs)*
  - Power requirements: 100 to 240 V AC, 50/60 Hz, 190 to 300 VA

Technical specifications subject to change without notice.
For more information on your specific application, please contact our engineers at QT.

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