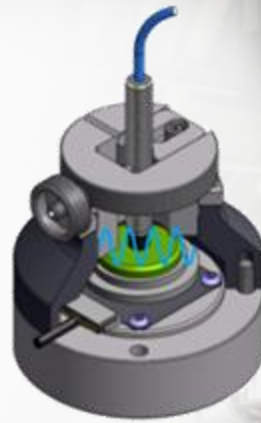


## Accessories shaft vibration (Proximity)

### Dynamic Signal Checker MX2040



#### Product description

The Metrix 'Dynamic Signal Checker' allows easy and reliable measurement of the entire vibration monitoring system by simulating the shaft vibration.

Function of complete measuring chain can be granted after installation with this test equipment. System alarms can be triggered by manipulating the probe inside signal checker module for simulation of heavy vibration disturbance.

#### Applications

- Real function test of Proximity systems (DPS) onsite

#### Benefits

- Simple check of the entire measurement chain, incl. individual alarm thresholds (e.g. pre- / main alarm)
- Easy calculation of vibration values ( $\mu\text{m}$ , pk-pk) with multimeter
- The measuring system is also suitable for sample holder systems

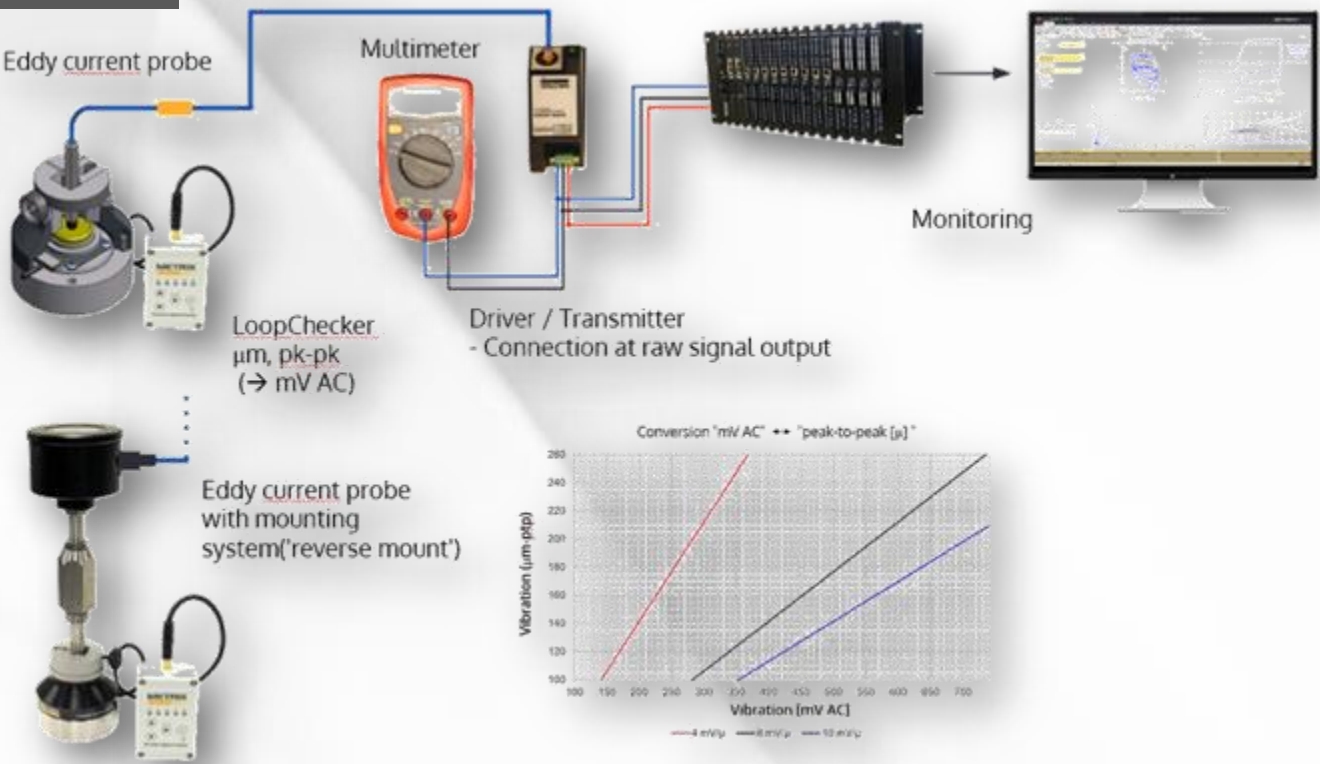
## Features

- Simulation of shaft vibrations
- Simple functional testing of the entire vibration monitoring unit (eddy current sensor, cabling, evaluation, display)
- Mounting for eddy current sensors  $\varnothing 8 \dots 22$  mm
- Also suitable for trial mounting ('reverse mount')
- Rechargeable, via USB connection
- Individually adjustable and storable vibration values between  $0 \dots 250 \mu\text{m}$ , pk-pk

## Technical data

Characteristic	Technical values
Clamping area (Probes)	$\varnothing 8 \dots 22$ mm
Vibration frequency (fixed)	ca. 112 Hz
Configurations (quantity)	4
Supply	int. LiPoly battery (3.7V / 1000mAh, rechargeable via mini B USB)
Connection control unit	Coaxial connector
Protection class	IP 54
Dimensions	Control unit 94 x 90 mm Sample holder 94 mm x $\varnothing$ 90 mm
Weight	Control unit approx. 150 g Sample holder approx. 2 kg

## Applications



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