

Vibration Monitoring of Turbomachines

Practical Tools for Testing Eddy-Current Proximity Probes



LoopChecker | SensiChecker



ProbeChecker Kit *DUO+* (KS09-PC+)

Protective carrying case with foam insert containing LoopChecker + SensiChecker

SensiChecker (KS05-AX-BX-CX-DX)

Tricky Device for Static Determination of the Sensitivity of the Measuring Loop (Probe, Cable, Driver) in Combination with a Calibrated Multimeter

- ✓ Inside, the removable bottom is made of typical shaft material (42CrMo4 / AISI 4140).
- ✓ Each turning from one snap-in position to the next one, the measuring distance alters for 0.2 mm or 10 mils as alternative option (KS05-A1 or KS05-A2).
- ✓ Due to a prism holder for diameters from 8 to 22 mm the ProbeChecker Kit can be used for both, standard probes and reverse-mount probes in a probe holder.
- ✓ Optional adapters are available for measuring against the original shaft material of the actual application:
 - ⇒ for applying the SensiChecker in G3/4" or 3/4" NPT threaded holes at the original measuring point (KS05-B1 resp. KS05-C1);
 - ⇒ for applying the SensiChecker on a disassembled rotor shaft (KS05-D1).

LoopChecker (KS04)

Realistic Simulation of Rotor Vibration for Dynamically Testing the Vibration Monitoring System (Transmitter, Wiring, Indication, Alarms)

- ✓ Inside the compact housing there is a conductive measuring target which is forced to oscillate at variable amplitudes up to $250 \mu\text{m}_{pp}$.
- ✓ The oscillation is controlled by a compact handheld device with a magnet on the backside.
- ✓ The LoopChecker can be operated by rechargeable battery or by external power supply via USB.



Manufacturer:

kmo turbo GmbH
Sandoeschstr. 27, 88045 Friedrichshafen
Germany
Phone: +49 7541 95289-0
info@kmo-vibro.com | www.kmo-vibro.com

Distributor: