CMCP-TKPro
Vibration Test Kit

Features:
- Portable Dynamic Signal Simulator for Proximity Probes
- 0-15mil (380 microns) Wobble Plate
- Collets Included for 5 Probe Sizes
- Internal Lithium-Ion Battery
- Variable Speed Motor (0-7,000 RPM)
- Local Speed Indication
- Notch for Phase and/or Speed Probes (1 Pulse Per Rev)
- Precision Dial Indicator for Setting Amplitude
- Includes Smart Charger, Carrying Case, Feeler Gauges
- English and Metric Versions Available
- Optional Kit Version Includes Static Calibrator

Product Overview
The CMCP-TKPro is used to provide a calibrated mechanical vibration signal using a variable speed Wobble Plate. The included Precision Dial Indicator is used to set the swing arm to the desired amplitude and is then replaced with a Proximity Probe. Both the Proximity Probe and Monitoring System can be verified with the test kit. The CMCP-TKPro’s Wobble Plate is made from 4140 Steel which is the standard calibration material for all Proximity Probe systems. Plastic Feeler Gauges are also provided to allow for quickly gapping the Proximity Probe. The CMCP-TKPro is powered by an rechargeable internal 2.6Ah Lithium Ion battery, smart charger included. The CMCP610 Static Calibrator, for performing linearity calibration checks, is also included when ordered as a complete kit (CMCP-TKPro-Kit).

Specifications:
- Dynamic Range: 0-15mils (0-380 Microns)
- Wobble Plate Material: 4140 Steel
- Speed: Adjustable from 0-7,000 RPM
- Probe Collets: 1/4", 3/8", M8, M10 and M11
- Micrometer Accuracy: 0.0005" (English)
  0.01mm (Metric)
- Key Phasor Hole Diameter: 0.25" (6.35mm)
- Tachometer: Backlit LED (Always On)
- Battery: 25.9VDC / 2.6Ah
- Charger Power: 110-240VAC 50 or 60Hz, 1.2Amps
- Charge Indication: Red = Charging
  Green = Battery Charged
- Charge Port: 2.5mm x 5.5mm Jack
- Housing Material: Anodized Aluminum

Dimensions:
- TKPro: 6.25” x 6.15” x 5.5” (159x159x140mm)
- TKPro Travel Case: 14.2” x 11.4” x 6.5” (361x290x165mm)
- TKPro Kit Weight: 8 Lbs (3.63kg)
Kit Contents:
Vibration Test Kit with Internal Battery and Tachometer
Battery Charger
AC Power Cord
Proximity Probe Collets (1/4”, 3/8”, 8mm, 10mm and 11mm)
Collet Holder
Plastic Feeler Gauges
English or Metric Dial Indicator
Key Phase Sensor Bracket
CMCP610 Static Calibrator (with -Kit models only)

Ordering Guide

English Units
CMCP-TKPro-E Dynamic Signal Simulation Kit, English Dial Indicator
CMCP-TKPro-E-Kit Dynamic and Static Signal Simulation Kit, English Dial Indicators

Metric Units
CMCP-TKPro-M Dynamic Signal Simulation Kit, Metric Dial Indicator
CMCP-TKPro-M-Kit Dynamic and Static Signal Simulation Kit, Metric Dial Indicators

Accessories
CMCP-TKPro-BAT Spare Lithium-Ion Battery
CMCP-TKPro-BATADAPT Battery Adapter, for External Charging of Battery
CMCP-TKPro-SR Shaft Rider (For Case Mounted Sensors)
CMCP-TKPro-SRRP Shaft Rider Replacement Parts (3 Tips and 1 Spring)

Similar Products:

CMCP-TKSC Static Shaft Calibrator
CMCP-TKPC Static Pocket Calibrator
CMCP-TKSR Shaft Rider for TKPro