

## 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 (0-11,000 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 a rechargeable internal 22.2V 3.2Ah Lithium Ion battery, 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 0-11,000 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:	22.2VDC / 3.2Ah
Charger Power:	110-240VAC 50 or 60Hz, 2 Amps
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**