

## CMCP-TKPro Vibration Test Kit

### Features

- AC or Battery Powered
- Li-Ion 2.6 Ah Battery
- 82 mA Draw @ 3600 RPM
- Smart Charger
- 0-15 mils Dynamic Range
- Precision Dial Micrometer
- Variable Speed to 7000 RPM
- Tachometer Display
- English and Metric Versions
- Weatherproof Travel Case
- Plastic Feeler Gauges for "Quick Gap"



### Description

The CMCP-TKPro is used to provide a calibrated mechanical vibration using a variable speed Wobble Plate. A Precision Dial Indicator is used to position the Swing Arm to the desired amplitude. The Dial Indicator is then replaced with a Proximity Probe. Both the Proximity Probe System and Monitoring System can be verified by this method. The CMCP-TKPro's Wobble Plate is 4140 Steel which is the standard for all Proximity Systems. The CMCP-TKPro is battery powered using a long life Li-Ion battery, Smart Charger is included. The CMCP-TKPro also runs on AC power using the Smart Charger provided.

### Ordering Information

**CMCP-TKPro-E:** English  
**CMCP-TKPro-M:** Metric  
**CMCP-TKPro-E-Kit:** English with CMCP610 Calibrator  
**CMCP-TKPro-M-Kit:** Metric with CMCP610 Calibrator

### Specification

#### Power:

**Battery:**  
25.9 VDC Li-Ion 2.6 Ah  
PCM and Polyswitch Protected  
82 mA Draw @ 3600 RPM  
101 mA Draw at 7000 RPM

**Charger:**  
110-240 VAC, 50-60 Hz 1.2 Amp w/LEDs  
Red = AC Connected, Charging  
Green = AC Connected, Battery Not Connected/Charged

**Vibration Amplitude Range:**  
0 to 15 mils (0 to 381 um)

**Speed:**  
0-7,000 RPM (0-100 Hz)

**RPM Display:**  
Backlit LCD  
Digits 0.6" High (15.2 mm)

**Dimensions:**  
TKPro: 6.25" x 6.25" x 5.5" High (159 x 159 x 140 mm)  
Travel Case: 14.2" x 11.4" x 6.5" High (361 x 290 x 165 mm)

**Total Weight:**  
8 pounds (3.63 kilos)

**Probe Adapters:**  
¼", 3/8", M8, M10