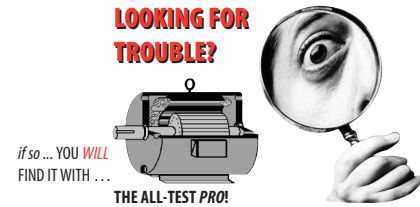




Serving the Industry Since 1983

# ALL-TEST PRO™ OL



## FOR COMPLETE MOTOR CURRENT SIGNATURE AND POWER QUALITY CONTROL

**Motor Current Signature Analysis Evaluate, Detect, and Monitor:**

- Stator electrical and mechanical health
- Rotor bar health
- Air gap/eccentricity issues
- Mechanical component health including bearings, balance and alignment, and driven equipment

**Power Quality Analysis:**

- PQ logging with 4 current and 4 voltage input channels
- Harmonic analysis to the 63rd harmonic
- Triggered waveform capture with transient detection to 10 msec
- Swell, sag and inrush of every 1/2 cycle
- Complete ac/dc power/energy/ cost analysis

### The ALL-TEST PRO™ OL offers:

- Greater portability, handheld – 1.1 lbs!
- More diagnostic power for mechanical issues and AC/DC motors
- Automated and smart diagnostics



# The ALL-TEST *PRO*<sup>™</sup> OL offers an outstanding combination of instrument and software with features that far surpasses those of our competition.

As with the other famous instruments in the ALL-TEST *PRO* line, our On-Line equipment for testing and analyzing energized motors is lightweight and hand-held, making it easy to carry in difficult to reach areas. No need to lug around a heavy suitcase with a sensitive computer.

The ALL-TEST *PRO*<sup>™</sup> OL offers both Motor Circuit Analysis and Power Quality Management for AC as well as DC equipment.

## Some of the most outstanding features:

- No need to enter nameplate data prior to data collection – only prior to analysis.
- No need to carry a PC in the field.
- More data is available, and the choices for data evaluation are greater
- Many key determinations are done automatically
  - Running Speed and Pole Pass Frequency are found automatically
  - Software can automatically determine Rotor Bar and Stator Slot count in most cases.
  - Bearing numbers can be inputted, enabling software to automatically determine if bearing problems exist
  - Automatic determination of static and dynamic eccentricity



## Diagnostic capabilities for AC induction motors:

- Rotor Health Analysis
- Superior Air gap or Eccentricity
- Superior Stator Health analysis
- Superior Mechanical issues (Bearings, Belts, Looseness, etc)

## DC Motor Diagnostics:

- Exclusive to ALL-TEST *PRO* OL. Not available from competitors:
  - Armature Health
  - Field Coil faults
  - Voltage and current vs. nameplate plus motor load

The ALL-TEST *PRO*<sup>™</sup> OL is included in our ALL-TEST *PRO*<sup>™</sup> MD kit, which gives you the power of the ALL-TEST IV *PRO*<sup>™</sup> 2000, the ALL-TEST *PRO*<sup>™</sup> 31 for Off-Line, low voltage testing, combined with our outstanding ALL-TEST *PRO*<sup>™</sup> OL for On-Line testing and analyzing.

Simply the most accurate, easy to learn and use, cost effective Predictive Maintenance and Quality Assurance package available!

## The ALL-TEST *PRO* OL kit includes:

- ALL-TEST *PRO* OL handheld collector (1)
- 0.1-100 Amps Test Clamps with leads (4)
- 1-1000 Amps Test Clamps with leads (4)
- Voltage Test Leads with Clamps (4)
- Battery Charger 115V or 230V (1)
- Solid Hard Carrying Case (1)
- Software ATPOL MCS (Motor Circuit Signature) On CD
- Software ATPOL PQC (Power Quality Control) On CD
- USER MANUAL On CD
- Warranty Card (1)

Unit Weight: 1.1 lbs

Unit Size: 14.5" L x 4" D x 10" W

Gross weight for shipping: 17 lbs

Gross size for shipping: 26" L x 8" D x 16" W

For complete technical specification see separate ATPOL specification sheet.



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### Represented by: