

ALL-TEST PRO On-Line III™

ELECTRICAL SIGNATURE ANALYZER SPECIFICATIONS



EQUIPMENT OPERATING SPECIFICATIONS

Operating Temperature Range 0 °C – +50 °C (+32 °F – +122 °F)
Humidity 0 – 70% relative humidity, non-condensing

HARDWARE SPECIFICATIONS

Enclosure Size (W x L x H) 9.86 x 19.61 x 5.44 cm (3.89" x 7.72" x 1.58")
Batteries 2x Li-ION- cells with ≥ 2100 mAh capacity, UL 1642 (Safety)
Enclosure Weight 0.56 kg (1.2 lb)
Internal Memory 20 Sets of Motor Data
SD Card Slot Accepts SD Cards up to 32 GB
Communications Bluetooth Wireless and USB at 460.8 kbps

MISC

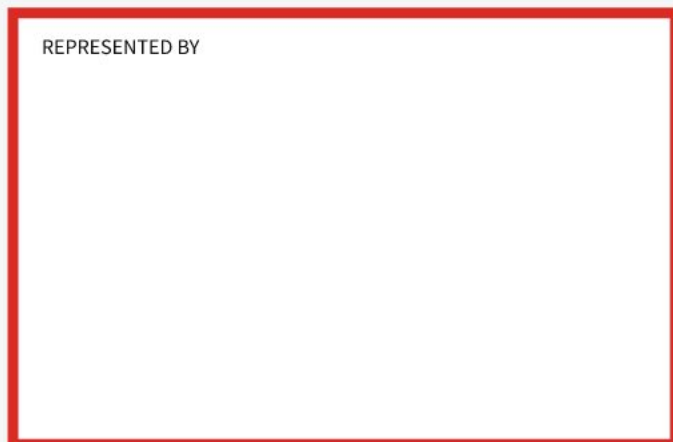
Warranty 1 Year Limited with optional 2 Year with calibration
Software ESA 8.0, PSM 4.22
Safety 1000V CAT III, 600V CAT IV

SUGGESTED ACCESSORIES (NOT INCLUDED)

ALL-SAFE PRO Permanently installed connection box (see ALL SAFE PRO spec sheet)
0.02 to 5 Amps RMS AC Current measurements Accuracy -- ± 2% of reading ± 0.02ARMS Primarily used to monitor secondary side of existing CTS

INCLUDED CURRENT TRANSFORMERS

Current Transformer	Specifications	Accuracy	Dimensions
0.1 – 100 Amp CT (4 included) 600V CAT III	0.1 to 100 Amps RMS AC Current measurements	±2% of reading, ±0.2 Arms including the accuracy of the instrument	Inside- 0.8" Diameter Outside- 5.25"x 2.1" x 1.35" Cable Length- 6.5 feet
1 – 6000 Amp Flex CT (4 included) 1000V CAT III	Dual Range 1.0 to 6000 Amps RMS AC Current measurement	± 1% of reading plus ± .01 Arms for current for low range or ± 0.5 Arms for high-range including accuracy of instrument	Inside – 7.25" Diameter Outside – 24" Circumference Cable Length- 6.5 feet



The ALL-TEST Pro Promise

ALL-TEST Pro delivers on **the promise of true predictive maintenance and troubleshooting**, with innovative diagnostic tools, software, and support that enable you to keep your business running. We ensure the reliability of motors in the field and help to maximize the productivity of maintenance teams everywhere, backing every ALL-TEST Pro product with unmatched motor testing expertise.

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Get the motor health data you need to make a quick and informed decision.

SPECIFICATIONS

Measurement	Accuracy and Measurement Range	Display Range	Accuracy
Voltage	1-1000 Vrms Steady-State (direct input)	1-6000 kV (using input ratios)	±0.1% of reading ±0.3 Vrms
Frequency	DC, 22-200 Hz, 360 – 440 Hz Fundamental	±0.25%	
Current	See included current transformers	1 mA – 6 Megamps (using input ratios)	.1% of reading plus accuracy of probes
Harmonics	22-3000 Hz (50th Harmonic @ 50/60 Hz ±0.25%)		

Triggering Notes			
Swell/Sag (Dip)/Inrush	½ Cycle RMS		
Transient Detection	8 microseconds, instantaneous		
Harmonics Accuracy	±.25%		

Logging Notes			
Logging Period (Resolution)	1 Second – 99 Minutes		
Logging Duration (Length of Session)	Up to 2 years according to memory allocation		