



AEGIS® Shaft Voltage Tester Digital Oscilloscope

Everything You Need to Measure Motor Shaft Voltages... in a Single Package

A complete package, the new AEGIS® Shaft Voltage Tester™ is a CAT II/III digital oscilloscope that includes everything you need to test voltage levels on the spinning shaft of a motor — an oscilloscope with advanced functions, a probe with special conductive microfiber tips for exceptional shaft contact, a probe holder with a magnetic base, and a compact carrying case.

The 2-channel full-function 100MHz digital oscilloscope has a 5.7" TFT LCD color display, a multi-language user interface, sampling rates of 1 GSa/s to 50 GSa/s, and a 5-hour rechargeable/replaceable lithium-ion battery pack. It accommodates standard set-up interfaces and has a USB port for data transfer or flash drive storage.

AEGIS® One-Touch™ Screen Capture

The handy AEGIS® One-Touch™ screen capture feature dramatically simplifies data collection for reporting and analysis. Screen images can be saved to a USB by simply pushing and holding the "Save" button for 6 seconds.

Functions as a Multimeter

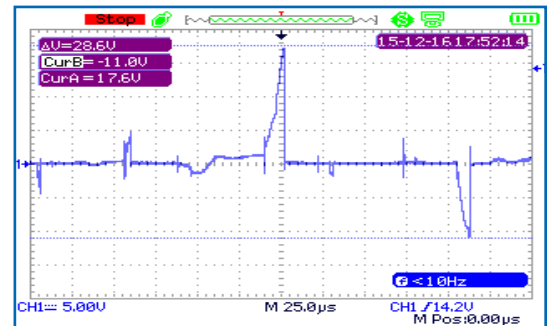
With dual inputs, the AEGIS® Shaft Voltage Tester™ combines oscilloscope, multimeter, and recorder functions in a single unit. The scope's multimeter function provides measurements for resistance (ohms), continuity, diode capacitance, DC volts, AC volts, DC current, and AC current, all at 6000 count display resolution.

Configurable for a Wide Range of Languages

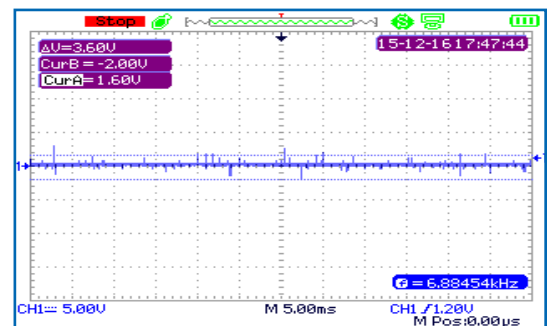
The AEGIS® Shaft Voltage Tester™ Oscilloscope can be configured for a variety of languages including English, German, French, Italian, Spanish, Portuguese, Russian, Simplified Chinese, Traditional Chinese, Japanese, Korean, and Arabic.

Offered With a Variety of Accessories

AEGIS® Shaft Voltage Tester™ Oscilloscopes are offered in several packages with differing accessories and a standard 90-day or an extended 2-year warranty. Replacement probe tips and spare batteries are also available.



Shaft voltage reading from a VFD-driven motor without an AEGIS® Bearing Protection Ring



Shaft voltage reading from a VFD-driven motor with an AEGIS® Bearing Protection Ring



Generic Specifications

Display System

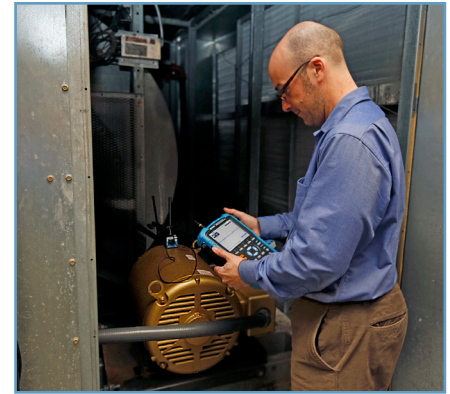
Display Mode	5.7" TFT color LCD
Resolution	320 horizontal x 234 vertical pixels
Color Quality	24 bit
Contrast Ratio	150:1
Color Model	Normal or Invert
Language	English, German, French, Italian, Spanish, Portuguese, Russian, Simplified Chinese, Traditional Chinese, Japanese, Korean, and Arabic

Power

Line Power Adaptor	Input Voltage: 100 - 240VAC 50/60 Hz Output Voltage: 9V, 4A
Battery	7.4VDC, 5000mAh, lasting 5 hours

Scope

Bandwidth	100 MHz
Sampling Rate	Real Time: 1GSa/s (single channel) 500MSa/s (double channel) Equivalent: 50GSa/s
Time-Base Range	2.5 ns/div ~ 50s/div
Scan Range	100 ms/div ~ 50s/div
Multimeter	DCV, ACV, DCI, ACI, resistance, diode, capacitance, continuity



	AEGIS-OSC-9100A	AEGIS-OSC-9100-W2	AEGIS-OSC-9100MB-W2	AEGIS-OSC-9100MB-W2-IC
AEGIS® Shaft Voltage Tester™ Digital Oscilloscope	■	■	■	■
AEGIS® Shaft Voltage Probe™ with Tip Installed	■	■	■	■
Spare 1X/10X Oscilloscope Probe	■	■	■	■
USB Probe Calibration Dongle	■	■	■	■
Multimeter Test Leads	■	■	■	■
Rechargeable/replaceable Battery	■	■	■	■
Power Supply (9V, 4A DC; 120/240 VAC)	■	■	■	■
Compact Carrying Case	■	■	■	■
USB Flash drive, loaded with manual	■	■	■	■
AEGIS® Bearing Protection Handbook	■	■	■	■
Alligator Grounding Clips	1	1	2	2
Spare AEGIS® Shaft Voltage Probe™ Tips			3	3
AEGIS® Shaft Grounding Simulator™			■	■
Probe Holder			■	■
Magnetic Base			■	■
Universal Power Adapter				■
ISO 17025 Calibration				■
Warranty Length	90 days	2 years	2 years	2 years

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