



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

A complete package, the 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 lithium-ion battery pack. It has two BNC connectors for oscilloscope input, four 4 mm connectors for multimeter input, and a USB port for output to a flash drive.

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 via USB port to a flash drive by simply pushing and holding the "Save" button for 6 seconds.

**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.

Functions as a Multimeter

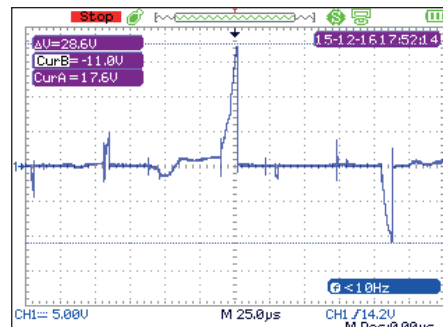
With dual inputs, the AEGIS® Shaft Voltage Tester™ combines oscilloscope and multimeter functions in a single unit. The scope's multimeter function provides measurements for resistance (ohms), continuity, diode capacitance, DC volts, AC volts, DC current, and AC current, all at 6000 count display resolution.

Offered With a Variety of Accessories

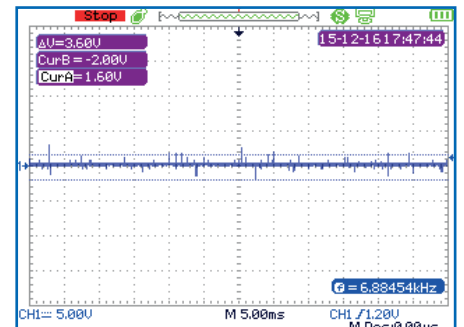
AEGIS® Shaft Voltage Tester™ Oscilloscope includes a 2-year extended warranty and is offered with differing accessories. Replacement probe tips are also available.



The AEGIS® Shaft Voltage Tester™ kit includes everything you need to start testing motor shaft voltages.

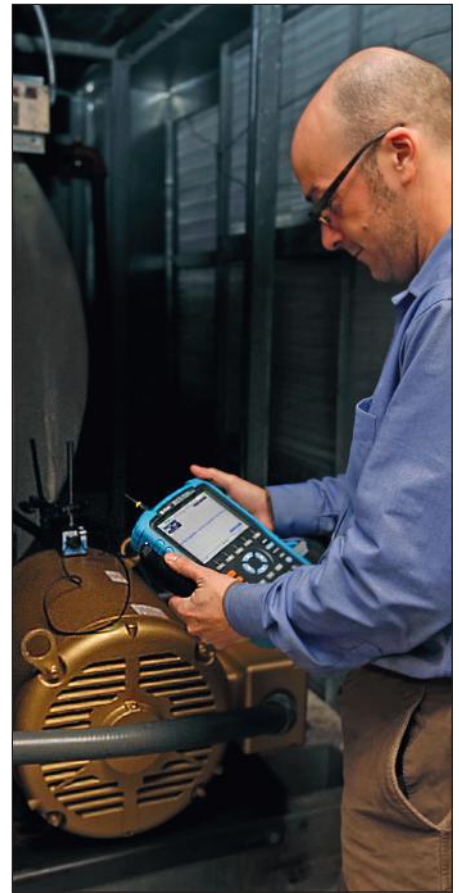


Shaft voltage reading from a VFD-driven motor without an AEGIS® Bearing Protection Ring



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-9100-W2	AEGIS-OSC-9100 MB-W2	AEGIS-OSC-9100 MB-W2-I
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 Battery	■	■	■
Power Supply (9V, 4A DC; 120/240 VAC)	■	■	■
Compact Carrying Case	■	■	■
USB Flash drive, loaded with manual	■	■	■
AEGIS® Bearing Protection Handbook	■	■	■
Universal Power Adapter	■	■	■
Alligator Grounding Clips	1	2	2
Spare AEGIS® Shaft Voltage Probe™ Tips		3	3
AEGIS® Shaft Grounding Simulator™		■	■
Probe Holder		■	■
Magnetic Base		■	■
ISO 17025 Calibration			■
Warranty Length	2 years	2 years	2 years