

AEGIS™ SVP Shaft Voltage Probe Conductive Microfiber Probe for use with AEMC® Instruments Oscilloscope



Measuring VFD Induced Shaft Voltages

Is your motor safe from destructive shaft voltages? For the first time you can easily and more accurately measure the voltage on a rotating shaft. The AEGIS™ SVP Shaft Voltage Probe's unique design of high density conductive microfibers ensures continuous contact with the rotating shaft. Used with AEMC® Instruments OX Series Oscilloscopes, you can determine if your motor is subject to potentially damaging bearing currents. The AEGIS™ SVP may be hand held or used with a magnetic base. Simply contact the rotating shaft with the microfibers and evaluate the voltage waveform on the oscilloscope.



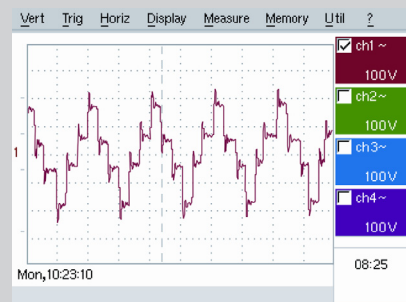
The following types of readings indicate potential bearing currents in your motor:



High amplitude EDM
Discharge pattern



Low amplitude voltage
Discharge pattern



High Peak to Peak
Common mode voltage

AEGIS SGR™ Bearing Protection Ring

Use the AEGIS SGR™ Bearing Protection Ring to prevent electrical bearing damage by safely channeling harmful shaft voltages away from the bearings to ground. The conductive microfibers provide the path of least resistance and dramatically extend motor life.



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