



Tip Of The Week

October 19, 2009

VFDs and RMS Voltage Measurement

When testing AC motors that are being powered by VFDs, technicians should use high quality equipment with high sampling rates such as PdMA's MCEMAX unit. As the sampling rate of the test equipment increases, the ability to accurately measure the total RMS voltage increases. This is due to the ability to measure higher order harmonics such as those greater than the 25th harmonic. The PdMA MCEMAX unit is capable of accurately measuring through the 50th harmonic.

You are invited to submit an Electric Motor Testing Tip of your own and receive a free PdMA mug or hat if we publish it! Contact Lou at 813-621-6463 ext. 126 or lou@pdma.com.

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