



A Leader in Electric Motor Testing

# Tip Of The Week

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September 7, 2015

## Wrong Probes Part 2

Last week we talked about using advanced software to recover from incorrect test data taken with the wrong probe or range selected. This week we want to talk about taking you from good data to great data. One variable to great data is the importance of knowing the system you are testing. Knowing more about the motor means your testing can go a long ways towards improving the data quality by maximizing the performance of the current probes selected. Ideally the current being measured would be above 60% of the current range selected on the probes. As an example, measuring a 90 amp signal on a 150 amp range would be fine, but measuring a 5 amp signal on a 150 amp range may deliver a lower quality signal than desired. Taking a quick look at the motor nameplate information loaded in the software can assist you in selecting the best current probe and range which helps help you move from good data to great data.

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](mailto:lou@pdma.com).

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