



# Electric Motor Testing Tip of the Week

revolutionizing *electrical* reliability

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## Current Probe Range Selection

Testing a three-phase AC induction motor in a confined space with proper PPE isn't always a walk in the park. Connecting current probes in some of the smaller enclosures is difficult enough without rubber gloves.

The MTAP2 can provide a nice solution for these hard to reach places and remove any probe selection issue. However, in the event that you are connecting probes, one of the final checks should be to ensure the current probe range selection switch is on the correct range. Accidentally selecting the wrong range in the software test selection isn't a problem because it can easily be corrected using the Correct Displayed Data option while viewing the data back at the office. However, selecting the wrong range on one or more of the current probes may result in less sensitivity or large imbalances due to differential range selections from phase to phase.

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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).