

How to Save Money and Unscheduled Downtime Through POWER QUALITY Predictive Maintenance



Finally, there is a product available that is simple to use and economical that will give the end user the ability to diagnose and predict catastrophic failure of rotating equipment.

In the past, only the Power Companies had the expensive equipment needed to determine the Power Quality and condition of motors and their operation. Now, this Adaptive Store product from Outram Research, Ltd. offers the first affordable instrument, the Portable PM3000, complete with software and flexible CT's (Current Transformers), which gives any Industrial customer the ability to monitor 3-Phase loads for Voltage, Current, Watts, Vars, Power Factor, Frequency and Harmonics.

This equipment can monitor very small INCREASES in Current and small Decreases in Power Factor on any motor load from month to month. These Changes can then be charted out to pre-determine when a motor will be drawing a damaging level of current LONG Before Temperature sensors would detect a heating up problem in bearings or windings. Customers and motor manufacturers claim this pre-knowledge could DOUBLE motor life or cut motor maintenance in HALF, and allow Scheduled Maintenance INSTEAD of Downtime.

Another aspect of being able to predict performance characteristics is to be able to AVOID some of the Power Factor and/or Load Demand penalties that are being imposed by Some Power Companies. In some Larger Industrial plants these penalties can amount to Thousands of dollars every Year in Electric energy costs.

IF YOU CAN'T MEASURE IT, YOU CAN'T MANAGE IT!

The PM3000 is Represented in Canada by techniCAL Systems 2002 Inc. of Hamilton, ON.

Additional details on this product can be found by visiting www.technical-sys.com