

## Benefits with the use of MTBro

- ◆ To increase the productivity
- ◆ To improve measurement accuracy
- ◆ To reduce cable connection and disconnection time
- ◆ To reduce testing process time
- ◆ To reduce the report generation time
- ◆ To reduce error - free complex calculation time
- ◆ Analysis Report for all test reports
- ◆ Auto indexing & page numbering of test reports as selected test sequence
- ◆ To acquire the data online from instruments and log to database
- ◆ Easy storage & retrieval of all the test reports
- ◆ Option to enter data manually in software
- ◆ Instant error-free report generation & printing

### Motor / Generator

◆ AC Induction	◆ AC Slip-ring	◆ Synchronous	◆ Reluctance
◆ PMSM	◆ AC Servo	◆ Traction	◆ Brushed DC
◆ Brushless DC	◆ Stepper	◆ Elevator	◆ Geared

### Tests and Curves

<b>Routine Tests</b>	◆ Insulation Test	◆ Winding Resistance	◆ High Voltage Test
	◆ Surge Test turn	◆ No load Test	◆ Blocked Rotor Test
	◆ Vibration test		

<b>Type Tests</b>	◆ Full load Test	◆ Efficiency Test	◆ Break down Torque
	◆ Pull up torque Test	◆ Temperature rise	◆ Rated torque Test
	◆ Overload Test	◆ Friction And Windage Losses	◆ Over frequency Test
	◆ Partial discharge Test	◆ Noise level Test	◆ C- Tan delta Test
	◆ ELCID Test	◆ Harmonics	◆ RSO Test
	◆ Direction of Rotation		

<b>Curves</b>	◆ Output Power Vs Efficiency	◆ Torque Vs Speed	◆ Current Vs Voltage (Magnetization Curve)
	◆ Output Power Vs Speed	◆ Current Vs Speed	◆ Temperature Rise Graph
	◆ Output Power Vs Current	◆ Vibration Spectrum	◆ Output Power Vs Slip
	◆ Residual Losses Vs Torque	◆ Output Power Vs PF	◆ Output Power Vs V <sup>2</sup>

### Additional Features

- ◆ Connectivity with ERP / SAP system to store the testing data.
- ◆ View testing data online from customer location thru web access

**Global Leaders for setting up Integrated & Automated Test Laboratories for Transformers & Motors and Transformer Design Software**