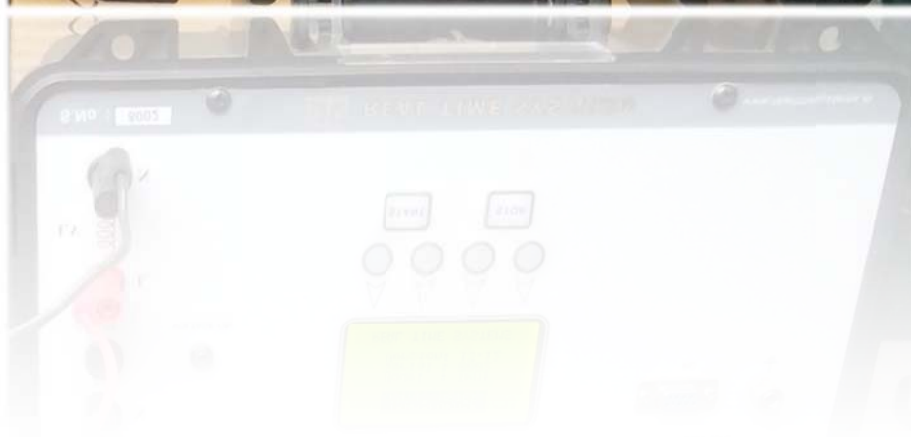


# Transformer Ratio Meter (1 Phase)

Model: TRM1



## TECHNICAL SPECIFICATIONS

Application	Turns Ratio, Phase Displacement and Excitation Current measurements according to IS/ IEC standards on: <ul style="list-style-type: none"><li>• Power and distribution transformers</li><li>• Instrument transformers; like PT</li><li>• Special transformers; like phase shifting, rectifier etc.</li></ul>
Technical Specification	<ul style="list-style-type: none"><li>• Excitation Voltage: 240V and 100V</li><li>• Accuracy: 0.1% ± 2 digits</li><li>• Turn Ratio Measurement up to 2400</li><li>• Measurement of phase displacement between two windings from 0° to 360° with resolution of 0.1°</li><li>• Measurement of Excitation current from 1mA to 1000mA</li><li>• RS232 Communication Port</li><li>• Internal non-volatile memory.</li></ul>
Features	<ul style="list-style-type: none"><li>• Fully automated micro-processor based for fast measurement</li><li>• Better transformer excitation due to high test voltage up to 240V</li><li>• It shall stabilize the results very fast</li><li>• Display: Graphic LCD display with backlit of size 128x64 pixels. The display shall be sun-light visible.</li><li>• Customized key pad shall be provided</li><li>• Thermal Printer shall be provided (Optional)</li><li>• Indication: LED indication for “Voltage ON”</li><li>• The instrument should be supplied with Window based PC downloading software facilitating Download, Save, Print &amp; Recalling of test data.</li></ul>
Input Power supply	1-Phase, 230V±10%, 50 Hz
Connection Lead	Potential lead set up to 10 meters length with proper clamp arrangements shall be provided



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