



## TECHNICAL SPECIFICATIONS:

S.No.	Particulars	Description
1	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> </ul>
2	Technical Specification	<ul style="list-style-type: none"> <li>• Excitation Voltage: 100V</li> <li>• Ratio Measurement Accuracy: 0.1% of reading <math>\pm</math> 2 digits</li> <li>• Turn Ratio Measurement from 0.95 to 625.0 having 4½digits resolution</li> <li>• Ratio Ranges: Auto ranges</li> <li>• Auto and Manual range selection</li> <li>• Reverse Indication for reverse connections</li> <li>• Measurement of Excitation current from 1mA to 500mA</li> <li>• RS232 Communication Port</li> </ul>
4	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 100V</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>• Built-in Open circuit / short circuit / over current / over voltage fault detection</li> <li>• Indication: LED indication for "Voltage ON"</li> <li>• Built-in fuse protection at input power supply and output voltage for HV connections</li> </ul>
5	Input Power supply	1-Phase, 230V $\pm$ 10%, 50 Hz
6	Casing	Housed in Plastic carrying case
7	Connection Leads	<ol style="list-style-type: none"> <li>1. Potential lead set up to 10 meters length with heavy duty clamp shall be provided</li> <li>2. Power cord for AC mains</li> <li>3. Earthing Lead with clamp</li> </ol>