

Transpower® Switchgear Industries

An ISO 9001:2008 Certified Company

Transformer Oil Test Kit

High Voltage Oil Testing Apparatus is designed for testing of dielectric strength of transformer Oil or any other insulting liquids. It constitutes complete equipment and a part of an A.C. supply of 230 / 240 Volts, no other supplementary facilities are required for its operation.



The set will have the following technical specifications:

Output Voltage	:: 0-50kV or 0-60kV or 0-80kV or 0-100kV or 0-120kV Continuously variable and applicable between H.T. Electrodes in the Test Cup conforming to IS:6792:1992
Instrument	:: A Linear Scaled A.C. Rectifier Voltmeter marked kV to measure output voltage to liquid dielectric with memory effect.
Indication	:: Mains & indicating lamps.
Motorization	:: The unit will be supplied with the rate of rise of voltage at 2kV / second and in case motorization is failed, the same can be operated.
Interlocking	:: Low / High level interlocking for drive motor. H.T Chamber door interlocking.
Protection	:: Quick Acting D.C. Relay to isolate the H.T.
Test cup	:: Test cup with cover is made of methyl Methacrylate (ACRYLIC) having oil volume between 300 and 500 ml, with adjustable and removable mushroom head Electrodes to IS: 6792 & IEC: 156. The GO & NOGO gauges are made out of alloy steel duly hardened and ground to adjust the Electrode gap distance.
Test Cup	:: Motorized cum manual operation.