

Oil Test Set

The Motwane make Oil Test Set is a single unit compact equipment to measure the di-electric strength of insulating oils of transformers and circuit breakers.

The most important function of insulating oil is to provide electrical Insulation under high electrical potential . The dielectric strength of insulating oil is a measure of the oil's ability to withstand electrical stress without failure. Any significant reduction in the dielectric strength will indicate that the oil is no longer able to perform this vital function, leading to failure of equipment.

Application:

This Oil Test Set is essential for transformer & switchgear manufacturers, Oil filtering units, electrical repairs & maintenance shops and power substations.

Features :

- Oil Test Set is suitable for conducting oil breakdown test as outlined in IS 6792 :1992.
- Continuously variable out put voltages.
- A Linear scaled A.C. rectifier Voltmeter marked kV to measure output voltage.
- The out put voltmeter is with memory effect i.e even after HT supply trips off due to the failure of equipment under test ,the voltmeter continues to show the voltage at which test piece has failed.
- Test Cup with cover is made of Methylene Methacrylate (ACRYLIC) having oil between 300 and 500 ml, with adjustable and removable mushroom head and ground to adjust the Electrode gap distance.
- Motorized cum Manual operation.
- Powder coated steel cabinet with heavy duty handles.

Specification:

INPUT	: 220 Volts \pm 10 %, 50HZ AC single phase.
Output Voltage	: 0-60kV 0-80kV 0-100kV

Display	: A Linear Scaled A.C. rectifier voltmeter marked kV to measure output voltage.
HV Indication	: Mains 'ON' and H.T.'ON' Indication.
Mode of Operation	: Motorized cum Manual operation
Interlocking & Safety	: Low/High level interlocking for drive motor. H.T. Chamber door interlocking. Earth open interlocking. Reverse interlock.
Protection	: Quick acting D.C. relay to isolate the H.T.
Test Cup	: Test Cup with cover is made of Methylene Methacrylate (ACRYLIC) having oil between 300 and 500ml, with adjustable and removable mushroom head and ground to adjust the Electrode gap distance.

Accessories :

- Mains cord 2 meter long.
- Test cell with Electrodes.
- GO& NO GO Gauges.
- Instructions Manual.
- Stirrer (optional)

Warranty :

Standard one year warranty against any manufacturing defects.



DBS/PC/HV-03/Rev-02



The Motwane Manufacturing Company Pvt. Ltd.

REGD. OFF. & FACTORY : Gyan Baug, Motwane Road, Nashik Road-422101
Tel.: 91 - 253 - 2463752 / 53 Fax.:91 - 253 - 2463197 Toll Free No.:1800 233 7766
e-mail: sales@motwane.com

For online enquiry please visit www.motwane.com and click "GET A QUOTE"

