



Transformer Oil Testing System

Nvis 7080



Nvis 7080 Transformer Oil Testing System is used for testing the dielectric strength of insulation oil used in Transformers. Testing is performed to determine the reliability of the oil filled in Transformer. Transformer Oil is used in all types of High Voltage Transformers & circuit breakers. This system includes motorized unit for smooth variation of high voltage. Kilo Voltmeter is provided for monitoring high voltage. This product also incorporates automatic tripping mechanism for protection against overload.

The equipment consists of two High Voltage coils having starting winding at earth potential.

Features

- ▶ Fully motorized high voltage control
- ▶ Break down voltage protection
- ▶ Over current protection
- ▶ Mains & H.T. "ON" & "OFF" Switches
- ▶ Incorporates automatic tripping mechanism
- ▶ Mains and H.T. "ON" indications
- ▶ Test cup with adjustable gap electrode arrangement
- ▶ Equipped with Kilo Voltmeter
- ▶ Complies to all the safety standards
- ▶ Product Tutorial (CD)

Scope of Learning

- Study & measurement of Breakdown Voltage (Dielectric Strength) of transformer oil

Technical Specifications

Mains Supply	:	230V AC \pm 10%, 50Hz
Single Phase Variac	:	230V/ 0-270V
High Voltage Source	:	80kV, 20mA
HV Control Motor		
Type	:	Servo
RPM	:	500 (No Load)
Voltmeter	:	0 to 100kV
Dimensions (mm)	:	W 600 x D 350 x H 450
Weight	:	58kg (approximate)

Designed & Manufactured in India by

Nvis Technologies Pvt. Ltd.

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