



TECHNOLOGY PRODUCTS

OTS SERIES AUTOMATIC OIL BDV TEST SETS



Features

- ❖ Tests as per various international standards
- ❖ Auto mode
- ❖ 100 test result storage capacity
- ❖ LCD display
- ❖ Built in printer
- ❖ User Friendly RS 232C Interface & Software
- ❖ Safety protection
- ❖ Accurate performance

114, Udyog Vihar Phase IV, Gurgaon - 122015, Haryana, India.

Tel: +91-124-2340601, 2340963, 4014527 | Fax : +91-124-2340963

E-mail: raghbindra@yahoo.com, info@tp-india.com

Web.: www.tp-india.com



TECHNOLOGY PRODUCTS

Test as per International standards

OTS series insulating oil testers are fully automatic micro controller based system, completely self-contained, compact and portable giving smooth variable test voltage from 0 to 60, 80 or 100 kV for testing the dielectric strength of insulating oil in accordance with all international standards like IEC156/IS6792/ASTM D 1816/ASTM D877/ UNE 21 specifications.

Auto mode

OTS series insulating oil testers are fully automatic type.

- 1) IEC-156, IS6792, ASTM D 877, ASTM D 1816, UNE 21.
- 2) Withstand Test A
- 3) Withstand Test B
- 4) 5 Minute Test
- 5) User defined

100 Test results storage capacity

OTS series insulating oil testers has a storage capacity of 100 test results which can be recalled and printed.

LCD display

OTS series insulating oil testers use LCD for easy readability of the BDV test results.

Built in printer

The printer used is a thermal paper print outs.
The paper rolls can be easily installed by any person.

User Friendly RS 232C Interface

RS 232 interface is very easy to use to communicate stored data which can be saved in text format.

Safety protection

Safety interlocks are provided on the test chamber. Zero interlock protection to ensure operator safety.

Accurate Performance

OTS series not only has all basic functions of an insulating oil tester but also has unique features that are seldom seen in similar products. For e.g. PROOF test A, PROOF test B, 5 Minutes test, LCD to display all test data. OTS series ensures high work efficiency and reliability in any tough environment.

114, Udyog Vihar Phase IV, Gurgaon - 122015, Haryana, India.
Tel: +91-124-2340601, 2340963, 4014527 | Fax : +91-124-2340963
E-mail: raghbindra@yahoo.com, info@tp-india.com
Web.: www.tp-india.com



TECHNOLOGY PRODUCTS

Technical Specifications

| | |
|-------------------------------|--|
| Input Supply | : 230±10% Volts AC, 50 Hz, single phase. |
| Test Voltage | : 0-60kV/Model: OTS-60A 0-80kV/Model: OTS-80A 0-100kV/Model: OTS-100A |
| Capacity | : 60kV:1.2 kVA , 75kV:1.5 kVA, 80kV:1.6 kVA 90kV:1.8 kVA, 100kV:2 kVA |
| Resolution | : 0.1KV |
| Accuracy | : ±2% |
| Tripping Time after Breakdown | : <6mS |
| Tripping Current | : <4mS |
| User Defined Settings | : <ul style="list-style-type: none">• Date and time .• Number of Tests Settable from 1 to 9 times.• Settling time Settable from 0-999 seconds.• Stirring time Settable from 0-999 seconds.• Waiting time Settable from 0-999 seconds.• Standards Applicable |
| Oil Test Cell | : Type 'TC-1': 13 mm round electrodes. Type 'TC-2': 36 mm mushroom electrodes. Type 'TC-3': 25 mm flat disc electrodes. |
| Gap Gauge | : 2.5 mm and 2.0 mm |
| Printer | : Built in printer for printing results on plain paper Paper : 50mm Wide standard Thermal Paper |
| PC Interface | : RS-232C for data transfer to PC PC data viewing software provided as standard accessory |
| Enclosure | : In light weight aluminum cabinet with removable cover, lock and lifting handles. |
| Dimensions & Weight | : 37 x 38 x 37 cm. Weight: Net 36 kgs for OTS-60 & OTS-80 40 x 41 x 41 cm. Weight: Net 42 kgs for OTS-100 |
| Accessories | : <ol style="list-style-type: none">1. Oil test vessel with electrodes (TC-1, TC-2 or TC-3 Type)2. Magnetic magnum for stirrer.3. Mains connecting cable.4. Gap gauge, 2.5 mm - 1 nos/ 2.0 mm – 1 nos.5. PC Soft ware for RS 232.6. Paper roll for printer, 2 no.7. Spare fuses 2 nos.8. Operating manual 1 no. |



TECHNOLOGY PRODUCTS

114, Udyog Vihar Phase IV, Gurgaon - 122015, Haryana, India.
Tel: +91-124-2340601, 2340963, 4014527 | Fax : +91-124-2340963
E-mail: raghbindra@yahoo.com, info@tp-india.com
Web.: www.tp-india.com