



OIL BDV TEST SETS



MOTORIZED



SEMI AUTOMATIC



FULLY AUTOMATIC

Description

Oil BDV Test set are designed for testing the dielectric strength of insulating oil as per IS-335. The unit develops high voltage between electrodes immersed in oil under test as per IS:6792. In addition to the test preparation in detail, the set is automatically governed by a trouble-free Microprocessor.

These features enable user to operate the equipment with a single touch of the 'Feather Touch Button'. The results can be viewed on the backlit LCD display or can be printed as a hard copy. The results can be summarized at a later stage because of the presence of memory function for the tests conducted stored in the memory.

These units are capable of conducting tests on transformer oil as per National / International standards such as IEC, ASTM, UNE, BS, VDE etc.

Special Features

- Compact size & portable design
- Build in safety arrangements
- Easy to operate
- Auto / Manual Selectable
- One Touch Operation
- On Screen LCD & Printer Facility on the Unit
- Real Time Clock & Date
- 9999 record Memory
- Computer Connectivity through USB/RS232
- Operator code porgrammable
- Rate of rise of voltage 0.5kV/sec to 5.0 kV/sec

Technical Details

| Parameters | Motorized Oil Test Set | Semi Automatic Oil Test Set | Fully Automatic oil Test Set |
|------------------------|---|---------------------------------------|------------------------------------|
| Rate of Rise | 2KV/sec | 2KV/sec | 0.5 to 5KV/ Sec |
| Operation | Individual (After every reading user has to reset) | One touch Operation | One touch Operation |
| Standard Deviation | Manual | No | Yes |
| Average Calculation | Manual | Yes | Yes |
| Memory | Individual Reading (Only for current test) | Present test untill reset / Power Off | Previous 9999 Tests |
| Printout | No | No | Yes |
| Computer Compatibility | No | No | Yes RS 232 |
| EMI/EMC Protection | No | Yes | Yes |
| Safety as per IEC61010 | No | Yes | Yes |
| Display | Analog/Digital | LCD 1" x 1" Alpha Numeric | Yes 16 x 2 Character Alpha Numeric |

The above picture is only a representation of the equipment and the actual equipment may vary as per specification, design & requirement