

General information about AD-TB Transformer Test Bench

AD-TB Transformer Test Bench is automatic test system. It is high automation, easy operation and accurate testing. It will reduce the mechanical failure and reading error as well as improve accuracy and applicability of whole system by integrating and digitizing the traditional power supply, voltage and power meters. The leaving factory test will be more easy and efficient.

Features:

Integrated control of industrial single chip microcomputer.

Integrated design, easy to upgrade and extension.

Complete on-load and load, DC resistance, ratio and induction test.

The range of HV/LV current and voltage transformer can be selected automatically.

Automatically switching the transformer range (without manual operation).

Automatic selection of intermediate transformer tap position and switch in the process of testing.

The factory time for average completion of one transformer can be controlled within 20 minutes.

Data processing and printing functions.

Automatic boost and drop voltage, and automatic speed regulation, automatic stop.

The balance degree of test current and voltage is automatically judged during testing.

Automatically collect and save data.

Technical Specification of the device:

Transformer no-load test:Transformer insulation resistance, absorption ratio, polarization index test

Transformer on-load test:Transformer insulation oil analysis system

Transformer power frequency AC Hipot test:Transformer dielectric loss test

Transformer multi-frequency induced-voltage test:Environmental temperature test

Transformer DC resistance test:Transformer partial discharge test

Transformer ratio, group, error test:Transformer Oil chromatographic analysis system

Transformer temperature-rise test

