

Transformer Tap Changer Tester

General information about ADTC-3000 Transformer Tap Changer Tester

ADTC-3000 is suitable to test various tap changers and arc suppression coil switch.

Features

- ✓ With high stable negative feedback constant current technology, current stability $<0.1\%$.
- ✓ All data can be obtained at one time, easy operation.
- ✓ Suitable to test autotransformer.
- ✓ Accurately measure Y type non-neutral point transformers.
- ✓ Real waveform and data can be shown. It is important to show transient process of tap changer which is useful to analyze the tap changer.
- ✓ When the inductance of winding is big, it will cause oscillation of waveform.
- ✓ This model use high current injection retest to avoid the problem.
- ✓ Built-in printer, with memory to storage data up to 40groups.



Technical Specification of the device:

- Power input: AC220V \pm 10%, 50Hz \pm 10%
- Environmental temperature: -10--45°C
- Humidity: \leq 80%RH
- Insulation resistance: $>2M\Omega$
- Leak current: $<3.5mA$
- Test current: 3-phase independent constant current source
- Test current: Charging current 1A stability 0.1%
- Transition resistance: range 0.01-20 Ω resolution 0.01 Ω ; Accuracy
- 1% \pm 2digits
- Transition time: range 1-500ms resolution 0.1ms
- Sampling rate: 10kHz
- Accuracy 0.5% \pm 2digits
- Dimension: 280*240*170mm
- Weight: about 4kg

