



KPM On Load Tap Changer Analyzer



Accuracy of transition resistance: $\pm 5\%$

Reading: $\pm 0.1\Omega$

Accuracy of transient time: $\pm 0.5\%$ Reading
 $\pm 0.2\text{mS}$

Temperature: $-10-40^{\circ}\text{C}$

Humidity: $<85\%RH$

KPM's Onload Tap Changer Analyzer is used for testing key parameters of an OLTC such as

- Transient time
- Transition waveform
- Transition resistance
- Synchronization status of three phase.

Functions

- Three phase constant current source
- Charging current: 3A/1A; 0.6A/0.2A
- Maximum voltage of the port: 24V
- Maximum range of transition resistance: 100Ω
- Measuring range:
 - 1A: $0.4\Omega \sim 20\Omega$
 - 0.2A: $10\Omega \sim 100\Omega$
- Record time of waveform: 300ms
- Sample rate: 30k
- Resolution of time: 0.1ms
- Resolution of resistance: 0.1Ω
- Accuracy of transition resistance: $\pm 5\%$
Reading $\pm 0.1\Omega$

Functionality

- Test transformers of type Y0, Y Δ and display resistance value directly;
- Automatically analyze waveform fault and mark the fault.
- Automatically adjust resistance value and time range according to sampling data
- Transformer type Δ is able to display to synchronization status of three phase;
- Able to test with winding or without winding;
- Four terminal connection mode and provide high accuracy of resistance measurement.
- Continuous test to save time of power off
- Make word report
- 800x480 colorized LCD with touch screen and high speed printer
- Store 1000 groups of data and also can be saved by USB flash disk

Contact Us

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