



## OLTC.100A

### Product Overview

- The on-load tap-changer is the only moving part that is connected to the transformer circuit, so the detection of the on-load tap-changer is getting more and more attention.
- In the "Procedures for Handling and Preventive Tests for Electrical Equipment", it is required to check the sequence of actions and the switching time of the on-load tap-changer.
- The OLTC.100A on-load tap-changer tester is mainly used to measure the transition waveform, transition time, transient resistance value, and three-phase synchronization of the on-load tap-changer.

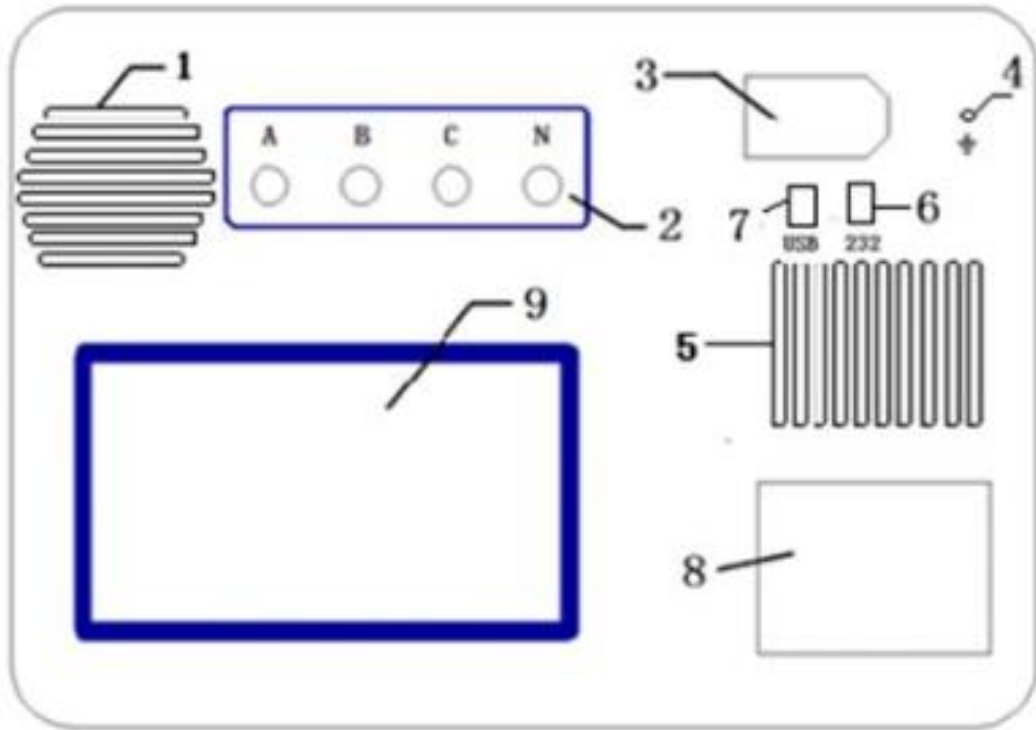


### Measuring Function:

- The instrument has large output current and Light Weight
- Two-stage current output, wider test range and higher stability
- Can automatically calculate the transition resistance value and transition time
- It has perfect protection circuit and strong reliability
- 5.7-inch large LCD display, it's easy for on-site operation
- U disk storage function, can store more waveforms data
- The keyboard and one-button shuttle are operated independently, which makes the instrument more convenient to operate

### Technical Specification:

- Output current 1.0A, 0.5A, 0.2A
- Measuring range Transition resistance: 0.3Ω~20Ω(1.0A) 5Ω~40Ω(0.5A)
- 20Ω~100Ω(0.2A)
- Transition time: 0~320ms
- Open circuit voltage 24V
- Measurement accuracy Transition resistance: ±(5% reading ±0.1Ω)
- Transition time: ±(0.1% of reading ±0.2ms)
- Sampling rate 20kHz
- Storage method local storage
- Dimensions Host: 360\*290\*170 (mm) Wire box: 360\*290\*170 (mm)
- Instrument weight host 6.15KG wire box 4.55KG
- 4. Conditions of use
- Ambient temperature -10°C~50°C
- Ambient humidity ≤85%RH
- Working power supply AC220V±10%
- Power frequency 50±1HzWeight: 5kg



1. Fan: exhaust outlet.

2. A, B, C, N correspond to A, B, C, N of the transformer, respectively.

3. AC220V: The power input port of the whole machine, with AC socket, safe compartment and switch.

4. Grounding column: It is used for grounding the casing of the whole machine, which is a protective ground.

5. Cooling holes.

6. 232 serial port

7. USB port

8. Printer: high-speed printer, print test results.

9. Display: 7-inch bright LCD display.