

Yato | Code YT-2861 | Sku 102861

Digital Voltage Tester



Overview

The YT-2861 voltage monitor with LCD display allows determination of the presence of AC electric voltage and detection of AC voltage by induction method. The presence of voltage is indicated on the LCD display. Functions include AC voltage detection by contact method (12–250 V) and detection of AC voltage by induction method. The backlit LCD screen displays measurement results in ranges up to 12, 36, 55, 110, and 220 V. Contact method: apply the tester tip to a live component; the display shows voltage values and the highest voltage range for the circuit under test along with all lower ranges (e.g. when measuring a 230 V household outlet, the display shows [12, 36, 55, 110, 220], indicating voltage above 220 V). Inductive method: place a finger on the 'Induction Test' field and bring the tip close to an insulated wire; a lightning bolt symbol on the LCD indicates the presence of voltage. This method also enables contactless detection of a break in a live wire — at the point of the break, the tester stops signalling the presence of voltage.

Key Technical Specifications

Length	130 mm
Tip shape	Flat
Application	Electrical
Blade width	3.0 mm
Ground test	Yes
Display type	LCD
Voltage - DC	12–250 V DC
Continuity test	Yes
Voltage - contact test	12–250 V AC
Measured voltage frequency	50–500 Hz
Voltage - non-contact test	12–250 V AC

Key Points

- AC voltage detection by contact method: 12–250 V
- AC voltage detection by non-contact induction method: 12–250 V
- Backlit LCD display showing voltage ranges: 12, 36, 55, 110, 220 V
- Contactless detection of breaks in live insulated wires
- Measured voltage frequency range: 50–500 Hz
- Continuity test and ground test functions included
- Overall length: 130 mm, flat blade tip width: 3.0 mm