

[LAB] Zoyi ZT-DQ02: Partes

- Este producto es un instrumento de medición digital LCR portátil con función de medición de resistencia interna alimentada por batería.
- Está diseñado para medir diversas resistencias, capacitancias, inductancias y sus parámetros característicos.
- La sección de medición de resistencia interna de la batería utiliza una entrada con conector de aviación, lo que permite una medición precisa del voltaje y la resistencia interna.
- Utiliza una entrada de medición de cuatro hilos, lo que mejora significativamente la precisión y la fiabilidad de la medición.
- El producto presenta una pantalla TFT de 2,8 pulgadas.

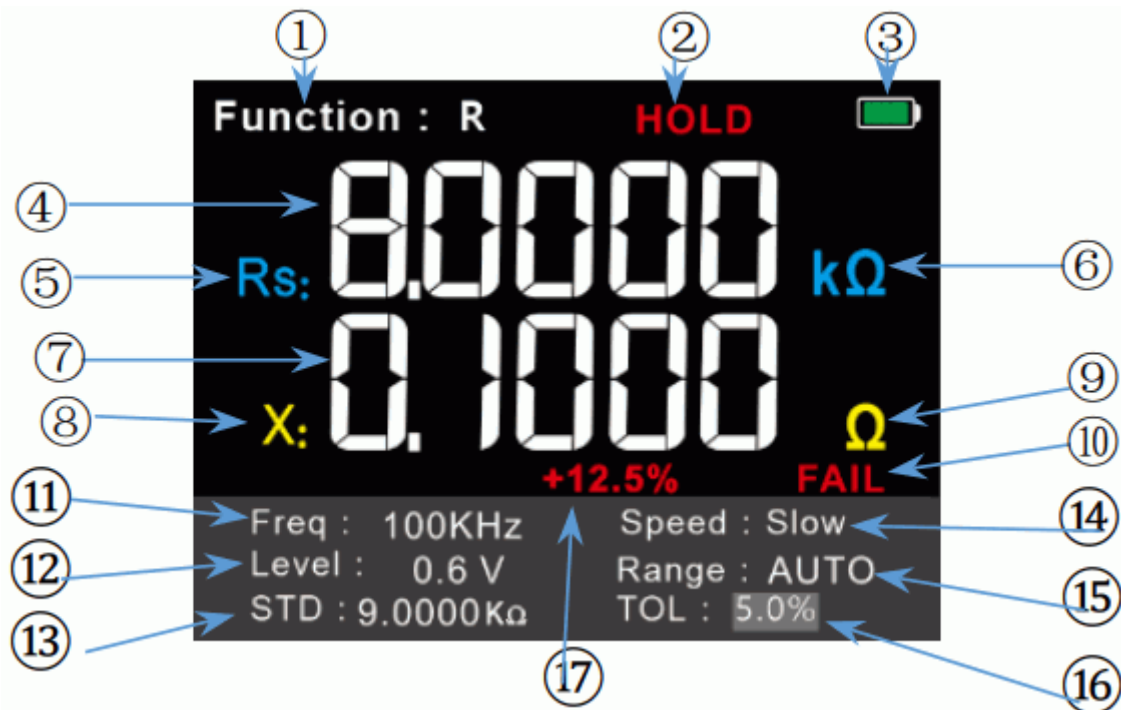
Instrumento



- **Power Button.** Press this button to turn the instrument on or off.
- **Frequency Button.** Press this button to select different measurement frequencies.
- **Level Button.** Press this button to select different measurement levels.
- **Measurement Speed button.** Press this key to select different measurement speeds.
- **Secondary parameter selection Button.** Press this button to switch the display of different secondary parameter values.

- **Setting Button.** Short press this button to switch the measurement equivalent mode, and long press this button to enter the system setting interface.
- **Main parameter selection Button.** Press this button to switch between different functional measurements.
- **Arrow Button.** Press the up and down button to move the selection function menu, press the left and right button to modify the setting parameters.
- **HOLD/REC Button.** Press this button briefly to hold the measurement data, and press and hold it to enter measurement recording mode and toggle the connection with the host computer.
- **REL/TOL Button.** Press this button briefly to enter tolerance measurement mode, and press and hold it to reset the main parameter value to zero.

Display



- 1. **Measuring function.** Display measuring functions: Auto, resistance, capacitance, inductance, impedance, electrolytic capacitance, battery internal resistance.
- 2. **HOLD.** Indicates that it is currently in data save mode.
- 3. **Battery symbol.** Displays the current battery level status.
- 4. **Master display value.** Display the main parameter measurements.
- 5. **Functional symbols.** Displays the symbols for the current measurement function, where s represents series equivalent and p represents parallel equivalent.
- 6. **Unit symbol.** Displays the unit symbol of the current main parameter measurement.
- 7. **Secondary display values.** Display sub-parameter measurements.
- 8. **Sub-parameters.** Displays the secondary parameter function symbol for the current measurement.
- 9. **Unit symbol.** The unit symbol that displays the value of the subparameter of the current measurement.
- 10. **Results.** Display measurement results in tolerance mode judgement, PASS or FAIL.
- 11. **Frequency.** Display the set measurement frequency.
- 12. **Levels.** Display the set measurement level.
- 13. **Nominal value.** Show the nominal value set in tolerance mode.
- 14. **Speed.** Display the set measurement speed.
- 15. **Measuring Range.** Displays the set resistance test range.
- 16. **Tolerance.** Shows the allowable error range set in tolerance mode.
- 17. **Tolerance values.** Displays the percentage of the margin of error between the measured physical value and the nominal value.

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