



# AT 2513 / 2513B

## PRECISION RESISTANCE METER

CHINESE/ENGLISH  
OPERATION

264 (W) \* 107 (H) \* 350 (D)  
UNIT: mm

Weight: 2.5kg

Resolution up to  $0.01\mu\Omega$

Measuring range  
 $0.01\mu\Omega \sim 300.000\Omega$

The AT2513 uses a 5-inch touch LCD screen to make the instrument display clearer, the Chinese and English interface switch display, and the intelligent operation interface is also easy to use.

AT2513 is a high-precision measuring instrument with a maximum measuring current of 10A and a measuring range of  $0.01\mu\Omega \sim 3000.00\Omega$ . Maximum display number 300000; The highest test accuracy is 0.01%; Automatic bidirectional current test, pulse test method to avoid the test loop heat affect the test accuracy, standard temperature compensation energy, used to eliminate the impact of ambient temperature on the test results.

AT2513 provides a variety of interface functions, with professional sorting



■ Power Supply 90-250VAC 50/60Hz Power: maximum 15VA

function, can be used in automatic sorting system to complete automatic pipeline testing; And can be equipped with RS232/RS485/LAN/ U disk interface, which can be convenient for data communication and remote control with PC.

| MODEL                    | AT2513   | AT2513B                           |
|--------------------------|--|-----------------------------------|
| Parameter                | DC resistance  |                                   |
| Accuracy                 | 0.02% $\pm 3$ words  |                                   |
| Measurement Range        | $0.01\mu\Omega \sim 300.000\Omega$   | $0.1\mu\Omega \sim 3000.00\Omega$ |
| Signal source            | Maximum current: < 10A, current mode: pulse current, positive and negative current<br>(The adjustable test current of AT2513B in the range of 30mΩ is 1~10A) |                                   |
| Range                    | 6 ranges manual and automatic  |                                   |
| Speed                    | Fast 10 t/s, slow 1 t/s  |                                   |
| Result display           | Show / $\Delta$ ABS / $\Delta$ % and sorting result  |                                   |
| Max display              | 300000   |                                   |
| Calibration              | Open circuit short circuit reset   |                                   |
| Trigger                  | Internal, Manual, External   |                                   |
| Temperature Compensation | Accuracy: 0.2 °C Range: 0 ~ 80 °C  |                                   |
| Test terminal            | 4 terminal test  |                                   |
| Comparator               | Upper limit/Lower limit/Close the comparator   |                                   |
| Interface                | RS232/RS485/LAN/USB flash drive port   |                                   |
| Others                   | 5 inch touch screen ; Keypad lock and data hold function   |                                   |
| Accessories              | ATL2513 Kelvin clip test cable; ATL18B20 Temperature probe; ATL108 RS232 communication cable   |                                   |
| Optional                 | ATL620 meter resistance 4 -terminal clamp fixture  |                                   |