

# anbai

## Multi-channel Resistance Meter

### AT51X2/AT51X8

#### Characters

- Parameter: DC resistance
- Measurement range:  $1\mu\Omega \sim 300k\Omega$
- Accuracy : 0.05%
- 3.5 inch LCD display
- Multi-channel display simultaneous
- Parallel high-speed measurement



AT51X2/AT51X8

AT51X2/X8 Multi-channel resistance parallel Meter are fully new design with high precision, wide range, can test multi-channel resistance in parallel and each channel can set the comparator separately.

Adopt high performance ARM micro processor control, color 3.5 inch LCD can display multiple resistance values simultaneously, resistance test range  $1\mu\Omega \sim 300k\Omega$ , max display 30,000 dgt.

Application for automatic equipments, can output multiple OK/NG signals by RS232C & Handler interface to improve the test ability of production Automation.

#### SPECIFICATIONS

| AT51X2 Multi-channel Resistance Meter |   |
|---------------------------------------|---|
| Channel                               | AT51X2: 2 channels ( parallel)<br>AT51X8: 8 channels ( parallel)  |
| Parameter                             | DC resistance   |
| Accuracy                              | 0.05%   |
| Measurement range                     | $1\mu\Omega \sim 300k\Omega$  |
| Signal source                         | Max current: <1A  |
| Range                                 | Auto<br>Manual<br>Nominal   |
| Speed                                 | 30ms/channel ( manual)  |
| Display                               | show  |
| Max reading                           | 30,000  |
| Adjustment                            | multi-channel short-circuit correction for each range   |
| Comparator                            | each channel can set and output independently   |
| Trigger                               | internal<br>external<br>manual  |
| Interface                             | RS-232C ( SCPI instruction set)<br>HANDLER(PLC)<br>USB  |
| Temperature compensation              | options   |
| Test lead                             | 4 terminal shield for each channel ( 2 check & 2 driving terminal)<br>and external shielding ground section         |
| Others                                | color TFT-LCD display<br>resistance upper & low limit set<br>parallel super high-speed measurement<br>Keyboard lock |
| Power supply                          | Voltage: 198VAC ~ 240VAC<br>Frequency: 50Hz<br>Max power: 15VA  |
| sizes                                 | 445mm x129mm x350.5mm   |
| Weight                                | 4kg   |
| Accessories                           | ATL503: kelvin clip<br>ATL108: RS232 communication cable  |