

## Milliohmmeter ST2516

- Basic Accuracy: 0.05% of reading +2 counts
- Touch-display: 24-bit, 4.3", 480x272
- Display Range:  $1\mu\Omega$  -  $2M\Omega$ , 4½ digits
- Test Current: 1µA up to 1A
- Resolution for different ranges:  $1\mu\Omega$ ,  $10\mu\Omega$ ,  $100\mu\Omega$ ,  $1m\Omega$ ,  $10m\Omega$ ,  $100m\Omega$ ,  $1\Omega$ ,  $10\Omega$ ,  $100\Omega$
- Multiple measurement combinations of R, LPR, T
- Low-voltage test mode can effectively protect DUT



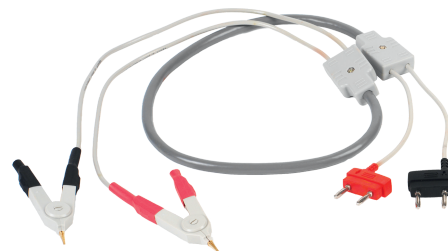
## Specifications

- Measurement speed: FAST 10ms / MED 25ms / SLOW1 (115ms) / SLOW2 (445ms) (add 20ms when DISPLAY is ON)
- Ranging Mode: Auto, Manual
- Trigger Mode: Internal, Manual, External and BUS
- Power frequency selection to avoid line interference noise
- Low voltage measurement:  $\leq 40mV$
- Maximum sample rate: 50 Samples/sec
- Offset voltage compensation (OVC)
- Statistics function: AVG, MAX, MIN, OSD, SSD, CpK, Cp
- 30 groups of parameter files can be saved and loaded
- Screen information can be saved to USB disk
- Data communication with PC and remote control through interfaces: RS232, USB Host, USB Device, Handler
- Temperature compensation (TC)
- Temperature conversion ( $\Delta t$ )

| Range | Resolution     | Current    |
|-------|----------------|------------|
| 20mΩ  | $1\mu\Omega$   | 1A         |
| 200mΩ | $10\mu\Omega$  | 100mA      |
| 2Ω    | $100\mu\Omega$ | 100mA      |
| 20Ω   | $1m\Omega$     | 10mA       |
| 200Ω  | $10m\Omega$    | 1mA        |
| 2KΩ   | $100m\Omega$   | $100\mu A$ |
| 20KΩ  | $1\Omega$      | $10\mu A$  |
| 200KΩ | $10\Omega$     | $10\mu A$  |
| 2MΩ   | $100\Omega$    | $1\mu A$   |

## What's in the box

- ST26050 4-terminal Kelvin Test Clips
- Manual
- Factory calibration certificate



## General

- Operating temperature and humidity:  $0^{\circ}C$  -  $40^{\circ}C$ ,  $\leq 90\%RH$
- Power requirements: Voltage: 190V - 250V / Frequency 50Hz - 60Hz
- Power consumption: 30VA
- Dimensions (W/H/D): 215/89/360mm, with sheath 235/104/360mm
- Weight: 3.6 kg

## Options

- ST26070 Low-resistance micro-clip leads
- ST26090 Low-resistance pin leads
- ST26110 Low-resistance tweezers
- Software ST®Meter 3.0
- Calibration service

