

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: $1\mu\Omega$, $10\mu\Omega$, $100\mu\Omega$, $1m\Omega$, $10m\Omega$, $100m\Omega$, 1Ω , 10Ω , 100Ω
- Multiple measurement combinations of R, LPR, T
- Low-voltage test mode can effectively protect DUT



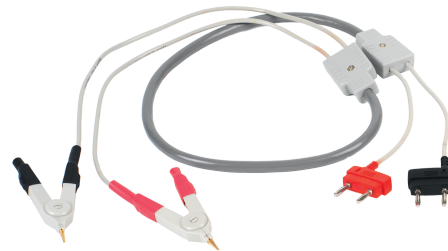
Specifications

- 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 (Δt)

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

What's in the box

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



General

- Operating temperature and humidity: 0°C - 40°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

