



- ★ **Function:** two three four line test ground resistance, soil resistivity, ground voltage
- ★ **Resistance Range:** 0.00Ω ~ 30.00kΩ
- ★ **Soil Resistivity:** 0.00Ωm ~ 9999kΩm
- ★ **Ground Voltage:** 0.00V~600V AC
- ★ **Use Voltage:** below AC 600V
- ★ **Test Frequency:** 128Hz
- ★ **Data Storage:** 500 groups
- ★ **Range Automatic Shift**

**PRODUCT INTRODUCTION**

GT1523 grounded resistance soil resistivity tester, also called the four-wire grounding resistance tester or the soil resistivity tester, is a commonly used instrument for measuring grounding resistance. It used a large-size LCD gray-white screen backlight display and microprocessor technology to pass the micrometer, to use microprocessor control 2-wire, 3-wire, 4-wire to test ground resistance and soil resistivity.

GT1523 has many grounding test functions to quickly and comprehensively measure various parameters in the grounded network. It is a new generation grounding measurement instrument that replaces the traditional rocking table measurement. It uses fast filtering techniques to minimize interference. Store 500 sets of data at the same time.

**TECHNICAL PARAMETERS**

<b>Function</b>	2-wire、3-wire、4-wire test ground resistance、soil resistivity、ground voltage		
<b>Range</b>	Ground resistance : 0.00Ω ~ 30.00kΩ	resolution : 0.01Ω	accuracy : ±2%rdg±5dgt
	Soil resistivity : 0.00Ωm ~ 9999kΩm	resolution : 0.01Ωm	accuracy : ρ=2πaR
	Ground voltage : AC 0.00 ~ 600V	resolution : 0.01V	accuracy : ±2%rdg±3dgt
<b>Power Supply</b>	1.5V (LR14) Alkaline Battery 6 Section		
<b>Measurement Mode</b>	Precise four-wire、three-wire measurement, simple two-wire measurement test ground resistance		
<b>Measurement Method</b>	Grounding resistance: rated current change pole method, test current 20mA Max Soil resistivity: quadrupole; Ground voltage: average value rectification(S-ES interface)		
<b>Test Frequency</b>	128Hz		
<b>Short Circuit Test Current</b>	AC > 10mA		
<b>Open Circuit Test Voltage</b>	AC 28V Max		
<b>Electrode Spacing Range</b>	can be set to 1m~100m		
<b>Shift</b>	Grounding resistance: 0.00Ω ~ 30 .00kΩ automatic shifting; Soil resistivity: 0.00Ωm ~ 999 9kΩm automatic shifting		
<b>Backlight</b>	Controllable gray light backlight, suitable to use in dim place		
<b>Display mode</b>	4-bit large LCD display, gray backlight		
<b>Measure indication</b>	LED blinking during measurement		
<b>LCD Display Field</b>	108mm×65mm		
<b>Meter Dimension</b>	L/W/H: 240mm×188mm×85mm		
<b>Standard Test Line</b>	4 strips: Red 15m, Black 15m, Yellow 10m, Green 10m, each 1 strip		
<b>Easy test line</b>	2 strips: Yellow 1.5m, Green 1.5m each 1 strip		
<b>Ground Voltage</b>	Test below AC600V(ground voltage measurement function can't be used to measure commercial power)		
<b>Data Storage</b>	500 groups, "MEM" storage instruction, "FULL" symbol indicates that storage is full		
<b>Overflow Display</b>	Exceed measurement range overflow function: "OL" symbol display		
<b>Alarm Function</b>	Alarm when the measured value exceeds the alarm setting value		
<b>Automatic Shutdown</b>	The instrument automatically shuts down after about 15 minutes without operation.		
<b>Power consumption</b>	Standby: 40mA Max(Backlight off) ,Turn on backlight: 43mA Max ,measuring : 20mA Max(Backlight off )		
<b>Weight</b>	Instrument: 1280g (including battery),test line: 890g (including simple test line), auxiliary grounding rod 720g(4 roots)		