



- ★ **Function:** ground resistance test, ground voltage test, low value resistance test
- ★ **Resistance Range:** 0.01Ω-3000Ω
- ★ **Voltage Range:**0.01V~100V AC
- ★ **Measurement Method:**
precision three- wire measurement, simple two-wire measurement
- ★ **USB interface:** With USB interface, software monitoring, storage data can be uploaded to the computer, save and print
- ★ **Data Storage:** 500 groups

PRODUCT INTRODUCTION

GT1521 digital grounding resistance tester, also known as the three-wire grounding resistance tester, grounding resistance meter, etc., is a commonly used instrument for measuring common grounding resistance meters. It uses a large LCD gray screen backlight display and microprocessor technology to meet the two-wire, three-wire test resistance requirements. Suitable for telecommunications, electricity, meteorology, gas stations, factory grounding networks, lightning rods and so on.

TECHNICAL PARAMETERS

Ground resistance range	0.01Ω ~ 3000Ω	resolution : 0.01Ω	accuracy : ±1.5%rdg±3dgt
Ground voltage range	0 ~ 100V AC	resolution : 0.01V	accuracy : ±1.5%rdg±3dgt
Function	Ground resistance measurement, ground voltage measurement, low value resistance measurement		
Power	DC 6V 4.5Ah rechargeable battery, standby for more than 100 hours		
Backlight	Controllable gray screen backlight, suitable for use in dim places		
Measuring mode	Precise three-wire measurement, simple two-wire measurement		
Measuring methods	Ground resistance: rated current change pole method, test frequency : 128Hz ; Ground Voltage: Average Rectification		
Short-circuit test current	AC 20mA Max		
Wire resistance check	Avoid the errors cause of the test line is not fully inserted into the instrument interface or the contactor is incorrectly replaced or the user replaces the extended test lead, to make the ground resistance test more accurate		
Display mode	4-bit large LCD display (LCD size 108mm*65mm), gray screen backlight		
Instrument size	L/W/H : 277.2mm*227.5mm*153mm		
Test line length	3 strips : red 15m , yellow 10m , green 5m each one		
Simple test line	2 strips : yellow 1.6m , green 1.6m each one		
Auxiliary grounding rod	2PCS : φ10mm×200mm		
Measure time	Ground voltage: about 3 times/sec; grounding resistance: about 5 seconds/time		
Line voltage	Measuring voltage to ground: test below AC 100V		
USB interface	With USB interface, software monitoring, storage data can be uploaded to the computer, save and print		
Data storage	500 groups, "MEM" storage instructions, display "FULL" symbol indicates that the storage is full		
Data review	Data review function: "MR" symbol display		
Overflow display	Over-range overflow function: "OL" symbol display		
Alarm function	Alarm when the measured value exceeds the alarm setting value		
Automatic shut-down	The instrument automatically shuts down after about 15 minutes without operation.		
Power consumption	Standby: 40mA Max (backlight off), Turn on backlight: 43mA Max, Measurement: 120mA Max (backlight off)		
Weight	Instrument: 2397g (with battery), Test line: 850g (including simple test line), Auxiliary grounding rods: 425g (2pcs), Instrument bag: 271g		