



- ★ **Function:** ground resistance, Soil resistivity, DC resistance, Ground voltage, AC current
- ★ **Resistance Range:** 0.01Ω-30.00kΩ
- ★ **Soil Resistivity Range:** 0.00Ωm-9999kΩm
- ★ **Voltage Range:** AC 0.00V~100V
- ★ **Current Range:** AC 0.0mA~1000A
- ★ **Measurement Method:** precision 4-wire, 3-wire, simple 2-wire selection method, double clamp method

PRODUCT INTRODUCTION

The GT1525 double-clamp multi-function grounding resistance tester combines a variety of measurement methods into one advanced grounding resistance tester. In addition to the traditional function of grounding resistance, it also has the unique function of unassisted ground measurement. It uses a large LCD gray screen backlight display and microprocessor technology, through the microprocessor-controlled 2-wire, 3-wire, 4-wire, selection method, double clamp method to test ground resistance. Large-diameter current clamp design, using double jaw measurement technology, without the need to hit the auxiliary ground, without the need to isolate the grounding body and equipment to achieve on-line measurement.

TECHNICAL PARAMETERS

Function	Ground resistance、Soil resistivity、DC resistance、Ground voltage、AC current		
2、3、4 wire method for measuring ground resistance	0.00 Ω ~ 30.00k Ω	resolution : 0.01 Ω	accuracy : ±2%rdg ±5dgt
DC resistance	0.0 Ω ~ 30.00k Ω	resolution : 0.1 Ω	accuracy : ±2%rdg ±3dgt
Selection method for measuring ground resistance	0.00 Ω ~ 3000Ω	resolution : 0.01 Ω	accuracy : ±2%rdg ±5dgt
Double clamp method for measuring ground resistance	0.01 Ω ~ 100Ω	resolution : 0.01 Ω	accuracy : ±10%rdg ±10dgt
Soil resistivity	0.00 Ωm ~ ~ 9999k Ωm	resolution : 0.01 Ωm	accuracy : ρ=2πaR
Ground voltage	AC 0.00 V ~ 100.0V	resolution : 0.01V	accuracy : ±2%rdg ±3dgt
AC current	AC 0.0mA ~ 1000A	resolution : 0.1mA	accuracy : ±2%rdg ±3dgt
Power	DC 6V 4.5Ah lead-acid battery lasts more than 100 hours standby		
Measurement methods	Precise four-wire、three-wire measurement, simple two-wire measurement、Selection method, double clamp method for measuring grounding resistance , sine wave , test frequency : 128Hz		
Short circuit test current	AC 20mA Max		
Open circuit test voltage	AC 28V Max		
Electrode spacing range	1m ~ 100m		
LCD size	111mm ×68mm , have backlight , suitable for dark places		
Size	Instrument: L/W/H : 277.2mm ×227.5mm ×153mm; Clamp: L/T/H : 101mm ×27mm ×214mm		
Test line	6 strips : red 15m , black 15m , yellow10m , green10m , yellow 1.5m , green 1.5m each one strips		
Auxiliary Grounding rod	4pcs : φ10mm ×200mm		
Current clamp	2pcs : Banana plug , caliber : φ50mm , length 2m		
Measure time	AC current : about 2 times/sec; Ground voltage : about 2 times/sec; Grounding resistance、soil resistivity: about 7 seconds/time		
Line voltage	Measurement below AC100V (ground voltage measurement function cannot be used to measure commercial power)		
USB interface	With USB interface, storage data can be uploaded to the computer , USB communication line 1pc		
Interference test	Automatic identification of interference signals, "NOISE" symbol indication when the interference voltage is higher than 5V		
Weight	Instrument : 2430g(including battery) , Current clamp : 940g(2pcs) , Test lines : 1300g(including simple test line) , Auxiliary grounding rod : 850g(4pcs)		