

BENETECH

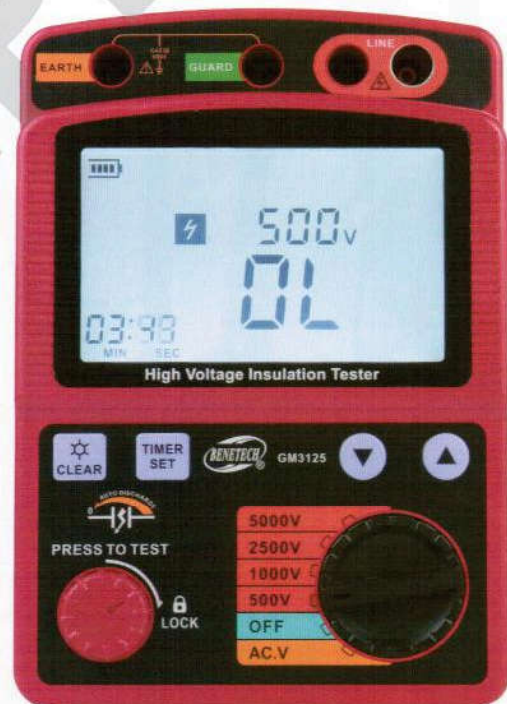
High Voltage Insulation Tester Series GM3125



Specification	
Display	Max. 999 counts LCD display(1000 counts only at 1T is displayed)Bar graph/ max. 36 point.
Over range indication	OL mark appears on insulation resistance range. LO mark appears on voltage's range.
Auto-ranging	Range shifts to upper range: 1000 count Range shifts to lower range: 95 counts (merely on the insulation resistance range)
Sample rate	0.5~ 10 times/sec
Operable altitude	Less than 2000m (Indoor use)
Operation circumstance	Temperature 0~40C, humidity <= 85%
Storage circumstance	Temperature -20~ 60C, humidity <= 90%
Overload protection	Insulation resistance : AC 1200V/ 10s Voltage : AC 720V/ 10 s
Voltage resistance	AC8320 (50/60Hz)/ 5 second (between electrical circuit and enclosure)
Insulation resistance	1000M of more/ DC 1000V (between electrical circuit and enclosure)
Power supply	DC12V (8x1.5V LR14 battery)
Battery's life	Approx. 15 hours
Dimension	153x 96x 220mm
Weight	1032g (without batteries and test wires)

- | Features | |
|---|--|
| 1. Auto- discharge function to make, the operation safe. | |
| 2. LCD Back-light. | |
| 3. Digital readout display. | |
| 4. Live circuit warning symbols with audio sounds. | |
| 5. Auto- power off function (in 10 minutes without operation) | |
| 6. Timer measurement function. | |
| 7. Low battery indication | |
| 8. PI measurement (Polarization index measurement) | |
| 9. Suitable for 12V DC adapter (12V/1A) | |

Voltage tester:30~600V (Resolution 1V)		
	DV	AV
Measuring range	±30~±600V	30~600V (50/60Hz)
Resolution	1V	1V
Accuracy	±2%rdg±3dgt	±2%rdg±3dgt



Specification				
Rated voltage	500V	1000V	2500V	5000V
Test range	0.0~99.9MΩ	0.0~99.9 MΩ	0.0~99.9 MΩ	0.0~99.9 MΩ
	100~999MΩ	100~999 MΩ	100~999 MΩ	100~999 MΩ
		1.00~1.99GΩ	1.00~9.99GΩ	1.00~9.99GΩ
			10.0~99.9GΩ	10.0~99.9GΩ
				100~1000GΩ
Open circuit voltage	DC 500V	DC 1000V	DC 2500V	DC 5000V
	+30%, -0%	+20% -0%	+20% -0%	+20% -0%
Rated current	0.5MΩ loading 1mA~1.2mA	0.5MΩ loading 1mA~1.2mA	2.5MΩ loading 1mA~1.2mA	2.5MΩ loading 1mA~1.2mA
Short- circuit current	Approx. 1.3mA			
Accuracy	±5%rdg±3dgt (0~99.9GΩ)			
	±20%rdg±3dgt (above 100GΩ)			



E-mail: sale@ponpe.com

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