

# DER EE<sup>®</sup>

## Insulation Resistance Tester

ISO 9001



勝特力材料 886-3-5753170  
勝特力电子(上海) 86-21-34970699  
勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)



DE-5010



DE-5011



DE-5012

- Taut band movement
- Auto discharge
- Live circuit warning
- Lighting function for reading at spots
- Low battery indication

- **Operating** : 0°C~40°C(32°F~104°F) <85% R.H.(without condensation)
- **Storage** : -20°C~60°C(-4°F~140°F) <75% R.H.(without condensation)
- **Dimension** : 162(L)x112(W)x50(H)mm (63.7"x40"x19.6")

• **Accessories :**

- LINE test lead x1
- EARTH test lead plug x1 (DE-5010)
- Convertible test lead x1
- Alligator clip x1
- Carrying case x1
- AA battery (1.5V) x4
- Operation Manual x1

• **Optional accessories:**

- Test leads DE-TL61
- Metal probe 35mm in length
- Metal probe 70mm in length

# MEASUREMENT RANGES

## <AC Voltage Range>

Voltage at 50/60Hz	ACV 0 ~ 600V
Accuracy	Within $\pm 3\%$ of full scale

## <Insulation Resistance Ranges>

### ● MODEL DE-5010

Nominal Voltage	250V	500V	1000V
Max. Effective Scale Value	50 M $\Omega$	100 M $\Omega$	2000 M $\Omega$
Mid-Scale Value	1 M $\Omega$	2 M $\Omega$	50 M $\Omega$
Primary Effective Measuring Ranges & Accuracy	0.05~20M $\Omega$	0.1~50M $\Omega$	2~1000 M $\Omega$
	Within $\pm 5\%$ of indicated value		
Secondary Effective Measuring Ranges & Accuracy	Scale out of primary effective measuring range (except 0, $\infty$ )		
	Within $\pm 10\%$ of indicated value		
Accuracy at 0 & $\infty$	Within $\pm 0.7\%$ of scale length from 0 to $\infty$		
Accuracy at no-load voltage	0%~+20% of nominal voltage		
Nominal Current	1mA 0%~+20%		
Short-circuit Current	Within 1.5 mA		

\* Coarse-line arc on scales indicate the primary effective measuring ranges. ( guaranteed accuracy range )

### ● MODEL DE-5011

Nominal Voltage	125V	250V	500V
Max. Effective Scale Value	20 M $\Omega$	50 M $\Omega$	100 M $\Omega$
Mid-Scale Value	0.5 M $\Omega$	1 M $\Omega$	2 M $\Omega$
Primary Effective Measuring Ranges & Accuracy	0.02~10M $\Omega$	0.05~20M $\Omega$	0.1~50 M $\Omega$
	Within $\pm 5\%$ of indicated value		
Secondary Effective Measuring Ranges & Accuracy	Scale out of primary effective measuring range (except 0, $\infty$ )		
	Within $\pm 10\%$ of indicated value		
Accuracy at 0 & $\infty$	Within $\pm 0.7\%$ of scale length from 0 to $\infty$		
Accuracy at no-load voltage	0%~+20% of nominal voltage		
Nominal Current	1mA 0%~+20%		
Short-circuit Current	Within 1.5 mA		

\* Coarse-line arc on scales indicate the primary effective measuring ranges. ( guaranteed accuracy range )

### ● MODEL DE-5012

Nominal Voltage	25V	50V	100V
Max. Effective Scale Value	10 M $\Omega$	10 M $\Omega$	20 M $\Omega$
Mid-Scale Value	0.2 M $\Omega$	0.2 M $\Omega$	0.5 M $\Omega$
Primary Effective Measuring Ranges & Accuracy	0.01~5M $\Omega$	0.01~5M $\Omega$	0.02~10 M $\Omega$
	Within $\pm 5\%$ of indicated value		
Secondary Effective Measuring Ranges & Accuracy	Scale out of primary effective measuring range (except 0, $\infty$ )		
	Within $\pm 10\%$ of indicated value		
Accuracy at 0 & $\infty$	Within $\pm 0.7\%$ of scale length from 0 to $\infty$		
Accuracy at no-load voltage	0%~+20% of nominal voltage		
Nominal Current	1mA 0%~+20%		
Short-circuit Current	Within 1.5 mA		

\* Coarse-line arc on scales indicate the primary effective measuring ranges. ( guaranteed accuracy range )

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