

## Digital Insulation Testers

Compact, But Powerfull. Versatile 4-Range Insulation Tester



SK-3500 SK-3502

50V 200MΩ 125V 200MΩ 250V 2000MΩ 500V 2000MΩ 1000V 2000MΩ LOW Ω AC/DC V

COMP DATA MEMO DISP HOLD APS Simple Dust Proof Simple Water Resistant

### NEW SK-3500/SK-3502

#### FEATURES

- Wide Range of Insulation Measurement with Enhanced Safety.
- Comparator Function.
- Data Memory Function. (up to 100 data)

#### SPECIFICATIONS

Display : 4000 count LCD, Maximum reading 4000  
 Sampling Rate : 2 times / sec  
 Power Supply : 1.5V R6P or AA Batteries (x 8)  
 Fuse : F22 (0.5A / 600V) x 1  
 CE Mark : CATIV 600V CLASS II and EMC  
 Dimensions : 120(H) x 130(W) x 70(D) mm  
 Weight : 600g  
 Accessories : 100-61 Test Leads (x 1 set), 945 Black Alligator Clip (x 1)  
 1016 Carrying Case (x 1), 1.5V P6P Batteries (x 8)  
 Spare Fuse F22 (0.5A / 600V) x 1 (built-in)

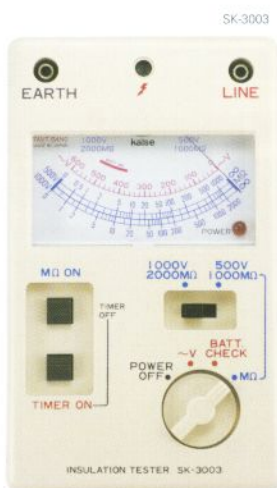
#### OPTIONAL ACCESSORIES

766 Black Test Prod  
 (with 767 Test Pin)  
 940 Red Alligator Clip

		SK-3500				SK-3502		
		50V	125V	250V	500V	125V	250V	500V 1000V
Insulation Resistance	Rated Test Voltage (DC)	50V	125V	250V	500V	125V	250V	500V 1000V
	Max. Effective Reading		200MΩ		2000MΩ	200MΩ		2000MΩ
	Center Reading		5MΩ		50MΩ	5MΩ		50MΩ
	1st effective range		0.200 to 10 MΩ		0.200 to 100 MΩ	0.200 to 10 MΩ		0.200 to 100 MΩ
	Accuracy		±3%rdg±4dgt			±3%rdg±4dgt		
	2nd effective range		10.01 to 200.0 MΩ		100.1 to 2000 MΩ	10.01 to 200.0 MΩ		100.1 to 2000 MΩ
Accuracy		±5%rdg±5dgt			±5%rdg±5dgt			
Common to SK-3500 / SK-3502								
Low Resistance	Display Range (Auto-ranging)	20.00Ω			400.0Ω			
	Accuracy (After 0Ω Adjustment)	±3%rdg±5dgt			±3%rdg±5dgt			
	Measurement Current	200mA or more			Approx. 10mA			
	Open Circuit Voltage	6V or more			Approx. 10mA			
AC / DC Voltage	Range	DCV / ACV fixed (0V to 600V)			AUTO (10V to 600V)			
	Accuracy	±3%rdg±5dgt			±3%rdg±5dgt			
	Input Resistance	Approx. 660kΩ			Approx. 660kΩ			
Functions	Comparator, Data memory, Timer, Live wire warning, Safety lock, High voltage warning, Automatic discharge, Zero-ohm adjustment, Backlight Display hold, Auto power save							

## Analog Insulation Testers

Multi-Functional Insulation Testers



SK-3000 SK-3000 SK-3002 SK-3002 SK-3003 SK-3003 AC V

100V 200MΩ 250V 500MΩ 250V 50MΩ 500V 100MΩ 500V 1000MΩ 1000V 2000MΩ

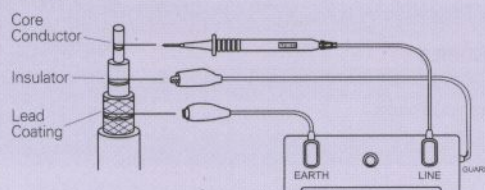
### SK-3000/SK-3002/SK-3003

#### SPECIFICATIONS

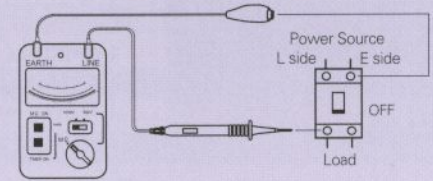
Power Supply : 1.5V R6P or AA Batteries (x 8)  
 Dimensions : 165(H) x 100(W) x 45(D) mm  
 Weight : 540g  
 Accessories : 100-34 Test Leads (x 1 set), Test Pin (x 1)  
 978 Carrying Case (x 1), 1.5V R6P Batteries (x 8)

		SK-3000		SK-3002		SK-3003	
		100V	250V	250V	500V	500V	1000V
Insulation Resistance	Rated Test Voltage (DC)	100V	250V	250V	500V	500V	1000V
	Max. Effective Reading	200MΩ	500MΩ	50MΩ	100MΩ	1000MΩ	2000MΩ
	Effective range	0.1 to 200MΩ	0.5 to 500MΩ	0.05 to 50MΩ	0.1 to 100MΩ	1 to 1000MΩ	2 to 2000MΩ
	Center Scale	5MΩ	10MΩ	1MΩ	2MΩ	20MΩ	50MΩ
	Terminal Voltage	Infinite Scale : ±10% of Rated Voltage					
Accuracy	First effective range : ±5% of reading value Second effective range : ±10% of reading value Zero and Infinite : ±0.7% of scale length						
AC Voltage	Range	0 to 600V					
	Accuracy	±3% of full scale value					
	Timer	Approx. 3 minutes					
	Battery Check	by Battery Scale on BATT. CHECK position					

#### How to measure Volume Resistance



#### Insulation Resistance Measurements



⚠ Before measurement, make sure that the line (circuit) or object under test is not live.