



STANDARD

Model : 6470 BT

# BATTERY TESTER



## SPECIFICATION

### • DC Voltage:

Range	Resolution	Accuracy
2V	1mV	$\pm(1\% \text{ rdg} + 1\text{dgt})$
20V	10mV	$\pm(1\% \text{ rdg} + 1\text{dgt})$
100V	100mV	$\pm(1\% \text{ rdg} + 1\text{dgt})$

### • Resistance:

Range	Resolution	Accuracy
200m $\Omega$	0.1 m $\Omega$	$\pm(3\% \text{ rdg} + 3\text{dgt})$
2000m $\Omega$	1m $\Omega$	$\pm(3\% \text{ rdg} + 3\text{dgt})$
20 $\Omega$	10 m $\Omega$	$\pm(3\% \text{ rdg} + 3\text{dgt})$

### • Dimensions:

192mm(L) x 88.6mm(W) x 45.2mm(D)


### • Weight:

Approx. 310g (battery included)

### • Power source:

battery 9V x1.

### • Low Battery Indication:

" " sign appears on the display when the battery voltage drops below accurate operating level.

### • Accessories:

Test leads  
Battery  
Instruction Manual.

### • Meeting:

EN61010-1 CAT I 100V  
EN61326-1

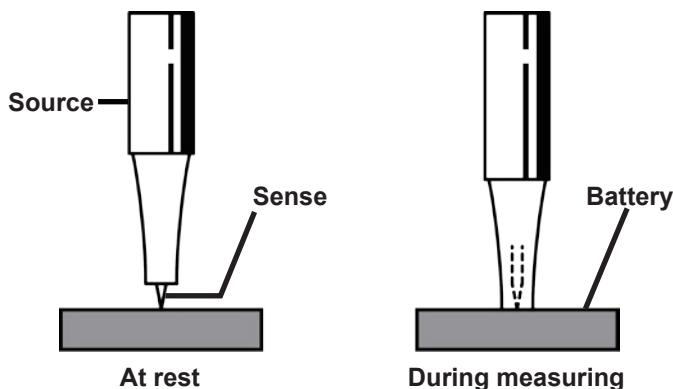
## INTRODUCTION

6470BT battery resistance tester can measure rechargeable secondary battery resistance and DC voltage at on line. Resistance measure signal used 1kHz AC frequency. Test lead used 4-wire measurement method can reduce contact resistance and lead resistance, measuring secondary batteries including Ni-cd, Ni-MH, Li-ion.

## FEATURES

- 2000-count LCD
- DC Voltage measurement.
- 4-wire resistance measurement.
- Data Hold function.
- Low battery indication.
- 9VDC power supply
- Measure batteries type: Ni-cd, Ni-MH, Li-ion.
- Simple operation.
- Lead resistance and contact resistance eliminated.

When contacting the probes with the battery terminals, press so that the inner pin conductors are pushed inside, and all of the SOURCE and SENSE conductors make good contact.



## Li-ion battery measurement



## Ni-MH battery measurement



STANDARD ELECTRIC WORKS CO.,LTD.

5F.,NO.105, JHONGCHENG ROAD., TUCHENG DISTRICT,  
XINBEI CITY 23674, TAIWAN (R.O.C.)

TEL: 886-2-22681528 <http://www.sew.com.tw>  
FAX: 886-2-22681529 e-mail: [sales@sew.com.tw](mailto:sales@sew.com.tw)