



|                        |                           |
|------------------------|---------------------------|
| AC / DC Current        | Diode                     |
| AC / DC Voltage        | Continuity                |
| Torch                  | NCV                       |
| Resistance             | Full Waveform Measurement |
| Capacitance            | Over Range Display        |
| Low Battery Indication | <b>CAT III</b>            |

**600V**

### FEATURES :

- 3 IN 1**
  - DIGITAL MULTIMETER
  - DIGITAL OSCILLOSCOPE
  - ELECTRIC TEST PEN
- 5999 COUNTS**
- AUTOMATIC MEASUREMENT**
- 2.8 TFT COLOUR SCREEN**
- TRUE RMS**
- FULL WAVE MEASUREMENT**
- 2000 mAH LITHIUM DIRECT CHARGE**
- TRYRISTOR**
- SAVE DATA & EXPORT TO COMPUTER**
- AUTO REAL TIME COLLECTION OF WAVE FORMS**

### OSCILLOSCOPE

| CHARACTERISTICS    |                        | EXPLANATION                                        |
|--------------------|------------------------|----------------------------------------------------|
| Bandwidth          |                        | 10MHz                                              |
| Sampling Frequency |                        | 48MSa/s                                            |
| Input              | Coupling               | DC,AC                                              |
|                    | Impedance              | 10M                                                |
|                    | Ratio                  | x1, x10                                            |
|                    | Max voltage            | ±300V                                              |
| Horizontal         | Sampling rate          | 1.5 Sa/s-48Sa/s                                    |
|                    | Sweep                  | 100ns/div-20s/div                                  |
|                    | Time base accuracy     | 20PPM                                              |
|                    | sampling depth         | 64KB                                               |
| Verticle           | sensitivity            | 20mV/div-100V/div                                  |
|                    | low frequency response | >10Hz                                              |
|                    | Rise Time              | <10ns                                              |
|                    | Gain accuracy          | ±3%                                                |
| Measure            | Automatic measurement  | Frequency, Priod, Peak to Peak Max, Min, RMS value |
| Trigger            | Trigger Mode           | Automatic Normal, single shot                      |
|                    | Triger Edge            | Rising edge, falling edge                          |

### DC VOLTAGE

| RANGE | RESOLUTION | ACCURACY               |
|-------|------------|------------------------|
| 60mV  | 0.01 mV    | ±1.0% of rdg ±3 digit  |
| 600mV | 0.1 mV     | ±0.8% of rdg ±3 digits |
| 6V    | 0.001V     |                        |
| 60V   | 0.01V      | ±1.0% of rdg ±5 digits |
| 600V  | 0.1V       |                        |

### AC / DC CURRENT

| RANGE | RESOLUTION | ACCURACY              |
|-------|------------|-----------------------|
| 6A    | 0.001A     | ±1.2% of rdg±3 digits |
| 10A   | 0.01A      |                       |

### CAPACITANCE

| RANGE  | RESOLUTION | ACCURACY               |
|--------|------------|------------------------|
| 100nF  | 0.01nF     | ±5.0% of rdg±20 digits |
| 1000nF | 0.1nF      |                        |
| 10µF   | 0.001µF    | ±4.5% of rdg±5 digits  |
| 100µF  | 0.01µF     |                        |
| 1000µF | 0.1µF      |                        |
| 10mF   | 0.001mF    | ±5.0% of rdg±10 digits |
| 100mF  | 0.01mF     |                        |

### AC VOLTAGE

| RANGE | RESOLUTION | ACCURACY               |
|-------|------------|------------------------|
| 60mV  | 0.01 mV    | ±1.2% of rdg ±5 digit  |
| 600mV | 0.1 mV     | ±1.0% of rdg ±3 digits |
| 6V    | 0.001V     |                        |
| 60V   | 0.01V      | ±1.2% of rdg ±5 digits |
| 600V  | 0.1V       |                        |

### RESISTANCE

| RANGE | RESOLUTION | ACCURACY              |
|-------|------------|-----------------------|
| 600Ω  | 0.1Ω       | ±1.2% of rdg±5 digits |
| 6kΩ   | 0.001kΩ    |                       |
| 60kΩ  | 0.01kΩ     | ±1.0% of rdg±3 digits |
| 600kΩ | 0.1kΩ      |                       |
| 6MΩ   | 0.001MΩ    | ±1.2% of rdg±5 digits |
| 60MΩ  | 0.01MΩ     |                       |

**Dimension** : H187 x W74 x D40.5 mm  
**Weight** : Approx. 269 Gms.  
**Accessories** : Test Lead, USB Charger & User Manual.