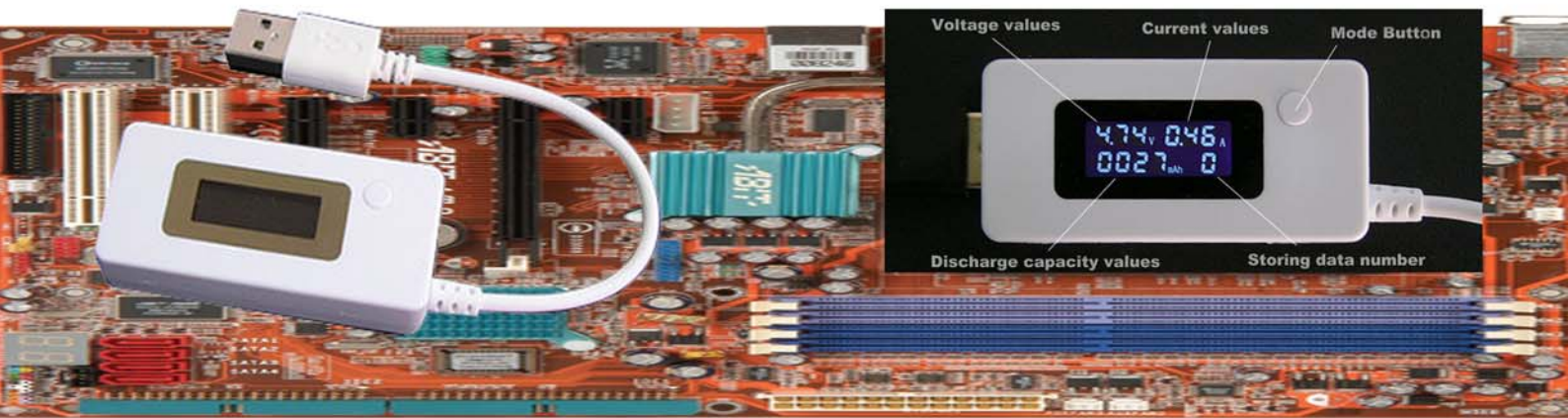


## USB PORT VOLTAGE AND CURRENT METER DEVICE WITH LCD DISPLAY + USB DISCHARGE BATTERY LOAD RESISTOR



# TESTER-METERUSB



### Introduction:

Parameters you can test:

- voltage of USB output connector, (computer or power).
- voltage of USB port when a device is connected.
- current of USB port when a device is connected.
- Real-time monitoring the charging or discharging status of power-banks battery.

When the tester is connected to an USB connector, you can read : voltage, current, mAh used and memory slot number.

Measures:

- Double click quickly the button on right upper corner and wait for flashing display.
- Single click to step through the different memory (0 to 9), until the slot you want to use appear on the screen.  
Or until "one before" the slot you want to reset.
- Double click quickly the button again to go back to normal mode, (without flashing display).
- Use the memory selected to make a measurement (storage of the consumption in mAh).  
Or click and hold the button for 5 seconds to reset the next memory to 0000mAh.

Discharge battery load resistor:

Equipment for parameters adjustment: One electronic load, one constant current source. When you set electronic load at 1A model, the current will be adjusted step by step. It will cost you about 10 seconds and you can see the result changing procedure in the LCD screen. When you see the 1A result shown in LCD screen, the adjustment process is finished. You can shut off the electronic load and the parameters will be saved automatically.

### Hardware & Electrical specifications:

Input Voltage: 3,5 Vdc to 7,0 Vdc (Resolution : 0,01V)

Input current: < 3,5A (Resolution : 10mA)

Operating Current: 20 mA to 3A

Capacity range : 0 to 19999mAh.

Accuracy: voltage < + /-1%, current < + /-2%

Line loss : 0,1  $\Omega$

LCD Rate: 500mS/times

Temperature:-10°C to +60°C

Screen size: 8,5mm x 22mm.

Product size: 60 mm x 28 mm x 15 mm.

Weight : 27g.



### Item includes:

USB meter device.

Load resistor 1A and 2A.

User manual in English and French.

