


TISUSB1 - USB Tester


1.0 Introduction:

The TISUSB1 tests and inspects USB chargers / ports, portable power sources, load of connected USB appliances / devices.

The TISUSB1 tests the output voltage , current, energy, capacity, circuit equivalent resistance.

2.0 Safety Regulations

 TISUSB1 Internal load test will stop if the voltage exceeds 13V

 TISUSB1 Overheat protection – If the internal load functioning temperature exceeds 65°C, the “HOT” warning message will be displayed. Load measurements will then stop, until the internal temperature drops below 45°C.

- Please read the manual carefully for operational instruments and safety requirements.
- Users must not open or repair this device.
- This device conforms to EN6136-1:2013, EN61326-2:2013 standards.

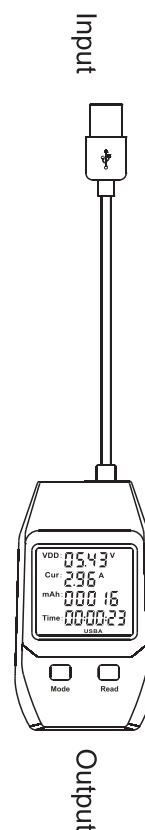
4.0 Specifications

Function	Range	Resolution	Tolerance
Current Measurements	0.05A – 3.00A	0.01A	±(1%+2)
Voltage Measurements	4.00V – 24.00V	0.01V	±(1%+2)
Capacity	0mAh – 99999mAh	1mAh	
Energy	0Wh – 1000Wh	1Wh	
Circuit equivalent resistance Measurement	1Ω - 480Ω	1Ω	
Electronic Load	0.50A, 1.00A, 2.00A, 3.00A		±0.03A, ±0.04A, ±0.05A, ±0.06A
Maximum Timing	99Hours, 59 Minutes, 59 Seconds	1 Second	

English Manual Version: 1.01
January 2020

WARRANTY
NEW INSTRUMENTS HAVE A WARRANTY PERIOD OF: 1 YEAR FROM THE DATE OF PURCHASE BY THE USER (A copy of the original purchase invoice may be requested to validate the purchase date). This warranty period includes parts and labour only. Any damage to either the case, input cable or any unauthorized repair / adjustment will void the warranty.

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3.0 Input Voltage Verification

Input USB male connector to USB charger / port or power source
Check voltage displayed is within the devices manufactures specifications.

If the voltage exceeds 24V the “OL” warning message will be displayed, please disconnect the tester.

The “LO” warning symbol will be displayed if the voltage is less than 4V.

 INPUT VOLTAGE MUST NOT EXCEED 25V.

3.1 Electronic Load Testing


After confirming the output voltage is correct, users can then test the load of USB powered electronic devices & device charging loads by inserting the USB cable into the output socket. The load & output voltage will then be displayed automatically.

3.2 Operational Instructions

Short press the “Mode” button to switch between / view different parameters.
Long press the “Mode” button to reset test parameters / clear data.

Short press the “Load” button to start & change load test parameter.
Test Sequence → 0.50A → 1.00A → 2.00A → 3.00A

菲林做货要求：

序号	项目	内容
1	尺寸	展开：288X226mm 折后：106X92mm
2	材质	60g书纸
3	颜色	单色
4	外观要求	完整清晰、版面整洁，无斑墨、残损、毛边、刀线错位等缺陷。
5	装订方式	/
6	表面处理	/
7	其它	/
版本		
DWH 设计	吴弦蔚2020/1/7	MODEL T1S USB1 (UT658LOAD改)
CHK 审核		机型： 说明书
APPRO. 批准		Part NO. 物料编号： 110401108993X
 优利德科技（中国）有限公司 UNI-TREND TECHNOLOGY (CHINA) LIMITED		