

USB Tester FNIRSI FNB48S Without Bluetooth



Description:

FNIRSI FNB48S is a multifunctional USB tester equipped with a variety of USB input and output connectors of various types (USB-A, Micro-USB, Type-C). The device is used to monitor the capacity of rechargeable batteries, the parameters of USB power supplies and the quality of the resistance of USB connecting cables. Features 1.77" high-definition display, external 16-bit ADC, PD protocol physical chip, real-time monitoring of voltage, current, power, capacity, recharging protocol, curve waveform etc.

Features:

- Five-bit or six-bit display can be switched by one button, with a maximum resolution of 0.00001, which enables real-time monitoring of the subtle changes in voltage, current, and power during recharging.
- The tester uses a USB 3.0 interface with a nine-pin connector, compatible with USB 2.0 (the transmission rate is a few times faster than USB 2.0).
- No need to use a data cable, as the tester can be connected directly to a power source.
- The tester can directly test the recharger agreement of some mobile phones.
- Its compact size allows taking and using it anywhere.
- Records up to 10 sets of measured data, which may be used to calculate the batteries' capacity.
- This device immediately calculates the capacity of the rechargeable battery.
- Supports reading data of E-Marker and DASH cables, and e-Marker and DASH chips can be easily read after connecting the data lines.
- Supports the screen flip function through the gravity-induction, so the screen can be free to flip (you can turn off gravity-direction recognition and flip the screen by long pressing the middle button).
- Uses the differential pressure method to measure cable resistance. This mode requires a connection with a constant current load.
- Supported protocols and standards: PD3.0/QC4.0, MTK-PE, VOOC/SVOOC/WARP/DASH, FCP, SCP, AFC, Apple2.4A.

Specifications:

Voltage Measurement	range: 4~24 V
	resolution: 0.00001 V
	accuracy: $\pm(0.2\%+2)$
Current Measurement	range: 0~6.5 A
	resolution: 0.00001 A
	accuracy: $\pm(0.5\%+2)$
Power Measurement	range: 0~156 W
	resolution: 0.00001 W
	accuracy: $\pm(0.5\%+2)$
Load Equivalent International Resistance	0~9999.9 Ω
Load Equivalent International Resistance Resolution	0.0001 Ω
Load Equivalent International Resistance Accuracy	$\pm(0.5\%+2)$
Capacity Measurement	0~9999.99 Ah
Energy Used Measurement	0~9999.99 Wh
Cable Resistance Measurement	0~9999.99 Ω
D+/D- Voltage	range: 0~3.3 V
	resolution: 0.001 V
	accuracy: $\pm(1.0\%+2)$
Material	ABS plastic
Package Weight	47 g

Made in China