

USB Type-C Tester

8761 NAC

Features

- 4-wire measurement conductance 1mΩ-52Ω
- Test pin 64/128
- Number of test file up to 500 sets
- Using fixture FX-000C21/FX000C22
- Automatically identify the normal or reverse plugin of wire or connectors
- The measurement items: Open/Short, Conductance, Components, AC Hipot, DC insulation/Hipot, Quick conductance, Intermittence O/S, and Quick Intermittence open circuit.
- Multiple DUT test-4 (standard)/ expand 14 (option)
- USB Host storages setting files and can update firmware
- Support bar code scan and print function
- External current expand box for wire buck measurement

Application

All kinds of wires, connectors and combined products of connectors and wires



CE

- RS-232
- Remote
- USB Host
- Print

Accessories / Fixtures

Standard

- Power Cord
- FX-000C16
- FX-000C21
- FX-000C22
- AK-8600F2
- Probe

Optional

- PC link software
- Remote control cable
- KB-8750K1
- F874001
- FX-000C15
- FX-000C17
- FX-000C18
- Network Fixture
- D-Sub foot switch (F760001)
- Printer

Key Features

A USB E-Marker IC Test Function

TEST TestTime: 2.60Sec TEST:47 PASS:24 FAIL:23 E-Marker TEST..... PASS		PASS	SYSTEM SETUP File: UDO Item SOP' (L) SOP' (R)		LEA- RN
			[1] ID Header 18001612 18001612 [2] Cert Stat 00002075 00002075 [3] Product 110A00A0 110A00A0 [4] Cable1 00002FD1 00002FD1 [5] Cable2 00000000 00000000 [6] Cable3 00000000 00000000 SOP':50V 5A <10ns(<1m) USB3.2 Gen1		DATA

Learning test the USB Type-C E-Marker IC's code

B Current Expand Box F874003

EDIT STEP: 1PAGE: 1/1 Name T P+ P- StdVal Tol% 1 U A01 B01 1.000U 10.0		MEAS STEP MEAS ALL SET PARA SAME OFFS CLR. OFFS
SET PARAMETER TEST MODE:RESISTANCE CURRENT:0.1A FIX.Num:1		



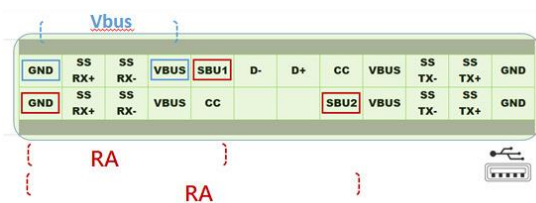
FX-000C28

2-in-1 Current Expand Box

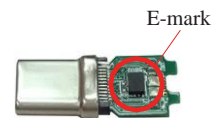
2-in-1 Current Expand Box FX-000C28 (5A) can measure voltage difference and inner resistance.

And test the USB Type-C E-Marker IC's code.

C E-mark IC of USB Type-c



NET CONSTEP: 4 PAGE 3/3		COPY
Name T P+ P- StdVal Tol% COND T A04 B22 3.000R <= STD RA R A10 A01 1.000K 20.0 RA R B15 A01 1.000K 20.0 UBUS C A07 A01 40.000n 20.0 CC C A15 A01 800.000n 20.0 CC C B10 B01 800.000n 20.0 D D A10 A07 3.900V >= STD D D A07 A10 0.800V <= STD D D B15 B07 3.900V >= STD D D B07 B15 0.800V <= STD		DEL. HOME END



NAC model can measure short circuit and on-resistance, also can measure Emark IC, the resistance 1KΩ-Ra, the forward and reverse bias of the diode, the bypass of the TxRx signal line to Gnd, and other calibration capacitors (this equivalent capacitance will vary depending on the length of the line) and the Vbus filter capacitor to Gnd.

Specification

Model Name	8761NAC			
Conductance	1mΩ-52Ω			
Intermittence Conductance	1mΩ-52Ω			
Measuring Mode	4-wire			
Test Pin	64/128			
AC Output Voltage	100-700V			
DC Output Voltage	50-1000V			
Hipot Output Accuracy	±5%			
Hipot Measurement Accuracy	±5%			
Rated Output	5Vdc			
Hipot Measurement Time	0.01 sec-60 sec			
Wire Specifications	Maximum allowable capacitance 5μF			
Measurement Items and Measurement Range	AC Hipot Leakage Current	0.01mA-5mA		
	DC Hipot Leakage Current	0.1μA-1000μA		
	DC Hipot Insulation Resistance	1MΩ-1.2GΩ		
	O/S, Intermittence O/S, Quick Intermittence open circuit	1kΩ-100kΩ		
	Resistance	Measurement Range	100mΩ-20MΩ	
		Level Signal	0.5-3V	
	Conductance	Current Signal	10mA	
		Measurement Range	10pF-12μF	
	Capacitance	Frequency Signal	AUTO Gear (Optional) 48Hz/480Hz/4.8kHz/48kHz	
		Level Signal	0.3V-1.2V	
	Diode	0-6.8V		
	Single-Side Test	Able to do the Single-Side Test		
O/S Terminal Judge	With this feature			
Advanced Functions	Programmable continuous test / Pin search / Auto-diagnosis			
Test Scan Mode	Auto, Manual, External Trigger			
Measurement Signal	Low Voltage Measurement Signal			
Built-in Storage	Number of test file up to 500 sets			
OS Positive and Negative Judgment Method	Learning netlist by four groups			
OS Voltage	Adjustment range 0.1V-4V			
OS Netlist Test Mode	Pattern/point-by-point scanning			
Panel	System / Rapid / Edit / Function			
Indicator	Pass/Fail HV LED red-green indicator lights / Screen Display / Sound			

General

Power Supply	Fixed Voltage 115/230 Vac ±10%
	Frequency 60/50Hz
Power Consumption	8761NAC (64)- 70VA, 8761NAC (128)- 70VA
Interface	RS-232, USB Host, Print, Remote
Operation	Manual, Auto, Remote Control
Display	320*240 dot-matrix display
Environment	Temperature: 15°C-35°C, Humidity: RH≤70%
Dimension (W*H*D)	8761NAC (64)- 435x145x406mm, 8761NAC (128)- 435x145x406mm
Weight	8761NAC (64)- 8.44kg, 8761NAC (128)- 9.3kg

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