

2-Wire Cable Tester

8740NAC

Feature

- Test pin 128/256
- Number of test file up to 500 sets
- Using fixture 8740F-2
- 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
- Test Report
- User Manual (CD)
- AK-8600F1-8740N/NA
- AK-8600F2-8740FA
- 8730-J2
- 8740-F2
- Cable-26 pin (DuPont terminal)
- Probe

Optional

- PC link software
- Remote control cable
- KB-8730K1
- F874003
- F874001
- FX-000C16
- FX-000C18
- FB-8600M1
- Network Fixture
- D-Sub foot switch (F760001)
- Printer

Key Features

A Type-c Four Connector Loops Status



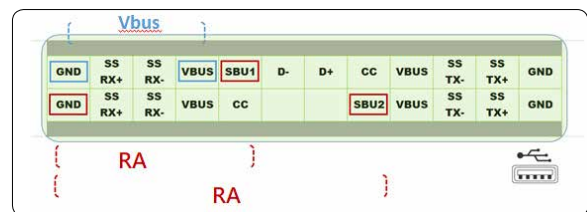
NAC model has four connector loops status; the cable tester will automatically determine the loop status.

B Wire Hipot Tester

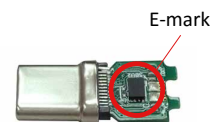
HIPOT		File:3		
Item	DC	Hipot		
[1] Voltage	1500V	1000V		AC ZERO
[2] Frequency	Insu.	60Hz		DC ZERO
[3] Test rate	NORM	SLOW		
[4] Spec.	1000.0mA	1.00mA		
[5] Offset	0.0mA	0.00mA		
[6] All-Ground	OFF	OFF		DISP ZERO
[7] Binary	ON	ON		NEXT PAGE
[8] Time	0.01Sec	0.01Sec		
[9] All nets	OFF	OFF		
[10] Time	0.01Sec	0.01Sec		
[11] GND pin	A01	A01		

Cable tester 8740 provides safety withstand voltage detection function, AC voltage up to 1000V, leakage current 5mA, DC voltage up to 1500V, leakage current 1000uA, insulation resistance up to 1GΩ.

C E-mark IC of USB Type-c



NET CONSTEP: 4 PAGE 3/3					COPY
Name	T	P+	P-	StdVal	ToI%
COND	T	A04	B22	3.0000	<= STD
RA	R	A10	A01	1.000K	20.0
RA	R	B15	A01	1.000K	20.0
VBUS	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



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	8740NAC			
Measuring Mode	2-wire			
Test Pin	128/256			
AC Output Voltage	100-700V			
DC Output Voltage	50-1000V			
Hipot Output Accuracy	± 5%			
Hipot Measurement Accuracy	± 5%			
Rated Output	5Vdc			
Hipot Measurement Time	0.01s			
Wire Specifications	Maximum allowable capacitance 5μF			
Measurement Items and Measurement Range	Conductance		100mΩ-52Ω	
	Intermittence Conductance		100mΩ-52Ω	
	AC Hipot Leakage Current		0.01mA-5mA	
	DC Hipot Leakage Current		0.1μA-1000μA	
	DC Hipot Insulation Resistance		1MΩ-1GΩ	
	O/S, Intermittence O/S, Quick Intermittence open circuit		1kΩ-100kΩ	
	Resistance	Measurement Range		100mΩ-2MΩ
		Level signal		Fixed 2.4V
		Current signal		30mA
	Capacitance	Measurement Range		10pF-3μF
		Frequency signal		AUTO Gear (optional) 48Hz/480Hz/4.8kHz/48kHz
		Level signal		Fixed 1.2V
	Diode		0-6.8V	
	Single-Side Test		Able to do the Single-Side Test	
O/S Determinial 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	Sequential mode netlist			
OS Voltage	Fixed 0.7V			
OS Netlist Test Mode	Pattern			
Indicator	Pass/Fail HV LED red-green indicator lights/Screen Display/Sound			

General

Power Supply	Fixed Voltage 115/230 Vac ±10%
	Frequency 60/50Hz
Interface	RS-232, USB Host, Print, Remote
Operation	Manual, Auto, Remote Control
Display	320*240 dot-matrix
Environment	Temperature: 15°C-35°C, Humidity: RH ≤ 75%
Dimension (W*H*D)	8740 (128): 435×145×406mm 8740 (256): 435×145×406mm 8740 (512): 435×190×406mm
Weight	8740 (128): 8.44kg 8740 (256): 9.3kg 8740 (512): 14kg