2-Wire Cable Tester
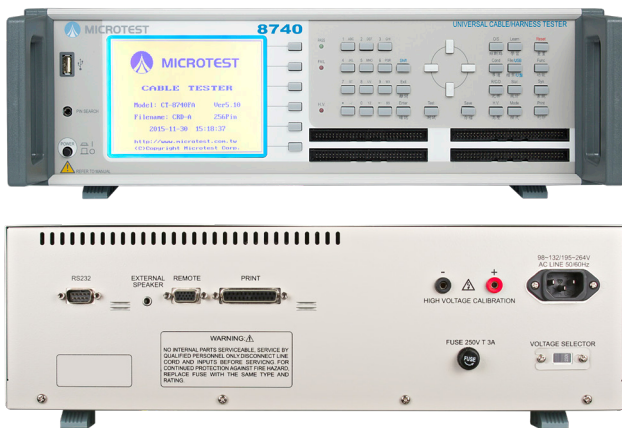## 8740NAC

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

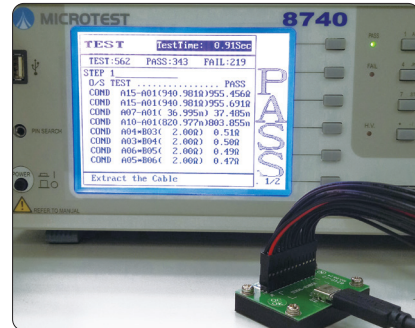All kinds of wires, connectors and combined products of connectors and wires

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
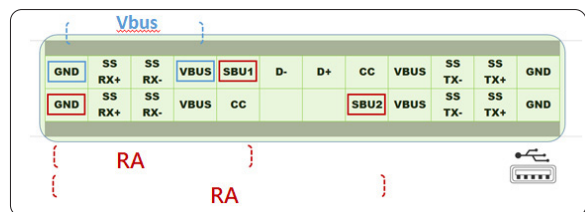
Key Features

A   Type-c Four Connector Loops Status

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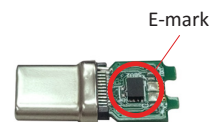
B   Wire Hipot Tester

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

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.

Cable Tester

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 Determinal 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℃-35℃, 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