

# 2-Wire Cable Tester

## 8740N / 8740NA / 8740FA

### Feature

- Test pin 128/256/512
- Number of test file up to 500 sets
- 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

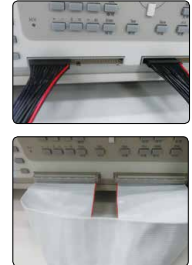
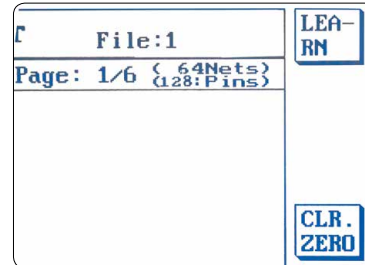
All kinds of wires, connectors and combined products of connectors and wires



CE RS-232 Remote USB Host Print

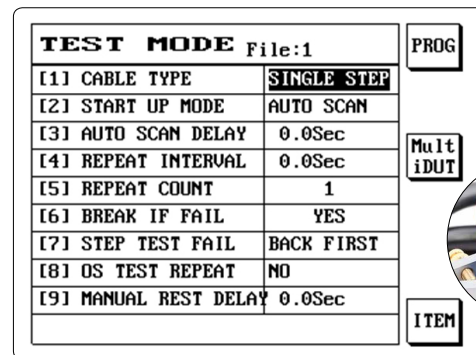
### Key Features

#### A 128/256/512 Pin



Insert 2 sides cable DUT to 8740 to make a loop, press "LEARN" button from the front panel, the screen will display Nets/Pins.

#### B Single Step



SINGLE SIDE: Without probe, use capacitor directly to judge the point with wiring.  
SINGLE STEP: Using a probe, measure the connected pin.

### Accessories / Fixtures

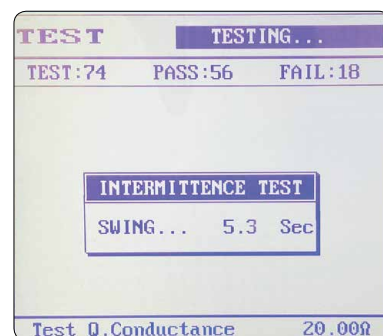
#### Standard

- Power Cord
- User Manual (CD)
- AK-8600F1-8740N/NA
- AK-8600F2-8740FA
- 8730-J2
- 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

#### C Intermittence Test



The Intermittence test function is swing test. Setting test time in seconds, the cable tester will continuously scan within the set time to perform a short-circuit judgment test.

## Specification

Model Name	8740N	8740NA	8740FA	
Measuring Mode	2-wire			
Test Pin	128/256/512	128/256/512	128/256/512	
AC Output Voltage	-	100-700V	100-1000V	
DC Output Voltage	50-1000V	50-1000V	50-1500V	
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			
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