

2-Wire Cable Tester

8740N / 8740NA / 8740FA

Features

- 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

Accessories / Fixtures

Standard

- Power Cord
- AK-8600F2-8740FA
- 8730-J2
- Probe

Optional

- PC link software
- Remote control cable
- KB-8730K1
- F874003
- F874001
- FX-000C15
- FX-000C16
- FX-000C18
- FX-000C21 (USB Type A)
- FX-000C22 (USB Type C)
- FB-8600M1
- Networking Fixture
- D-Sub foot switch (F760001)
- Printer

Key Features

A Open/Short Test

O/S NET File:1		LEARN
Net Pin#	Page: 1/3 { 32 Nets }	
001 A01-A02		
002 A03-A04		
003 A05-A06		
004 A07-A08		
005 A09-A10		
006 A11-A12		
007 A13-A14		
008 A15-A16		
009 A17-A18		
010 A19-A20		
011 A21-A22		
012 A23-A24		
		O/S EDIT

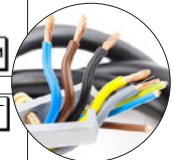
O/S NET File:9		LEARN
Net Pin#	Page: 1/7 { 32 Nets }	
001 A01-A02-A03-A04-A05-A06-A07-A08-A09-A10-A11-A12-A13-A14-A15-A16-A17-A18-A19-A20-A21-A22-A23-A24-A25-A26-A27-A28-A29-A30-A31-A32-A33-A34-A35-A36-A37-A38-A39-A40-A41-A42-A43-A44-A45-A46-A47-A48-A49-A50-A51-A52-A53-A54-A55-A56-A57-A58-A59-A60-A61-A62-A63-A64-B01-B02-B03-B04-B05-B06-B07-B08-B09-B10-B11-B12-B13-B14-B15-B16-B17-B18-B19-B20		
		CLR. ZERO
		DISP ZERO
		O/S EDIT

Open/Short Test: Make sure the contact of wire work properly.

B Single Step

TEST MODE File:1		PROG
(1) CABLE TYPE	SINGLE STEP	
(2) START UP MODE	AUTO SCAN	
(3) AUTO SCAN DELAY	0.0Sec	
(4) REPEAT INTERVAL	0.0Sec	
(5) REPEAT COUNT	1	
(6) BREAK IF FAIL	YES	
(7) STEP TEST FAIL	BACK FIRST	
(8) OS TEST REPEAT	NO	
(9) MANUAL REST DELAY	0.0Sec	
		ITEM

O/S NET File:1		LEARN
Net Pin#	Page: 1/11 { 128 Nets }	
001 A01	9	
002 A02	8	
003 A03	9	
004 A04	8	
005 A05	9	
006 A06	10	
007 A07	9	
008 A08	7	
009 A09	18	
010 A10	10	
011 A11	10	
012 A12	9	
		CLR. ZERO
		O/S ZERO
		O/S EDIT



SINGLE SIDE: Without probe, use capacitor directly to judge the point with wiring.

SINGLE STEP: Using a probe, measure the connected pin.

C Intermittence Test

TEST TESTING...	
TEST:74	PASS:56 FAIL:18
INTERMITTENCE TEST	
SWING... 5.3 Sec	
Test Q.Conductance 20.00R 1/3	

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	Cond. Resistance		100mΩ-52Ω
	Intermittence Cond. Resistance		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
	Conductance	Current signal	30mA
	Capacitance	Measurement Range	10pF-3μF
		Frequency signal	AUTO Gear (Optional) 48Hz/480Hz/4.8kHz/48kHz
		Level signal	Fixed 1.2V
	Diode		0-7V
	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		
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	8740(128)- 70VA, 8740(256)- 100VA, 8740(512)- 150VA
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≤70%
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