

4-Wire Cable Tester

8761NAK/8761NK

Features

- 4-wire measurement Cond. Resistance 1mΩ-52Ω
- Low Resistance Scanning Test 10mΩ-52Ω
- Test pin 512
- Number of test file up to 500 sets
- Open/Short
- Conductance
- AC/DC Hipot Test
- DC insulation
- Support bar code scan and print function

Application

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



CE RS-232 Remote USB Host Print

Accessories / Fixtures

Standard

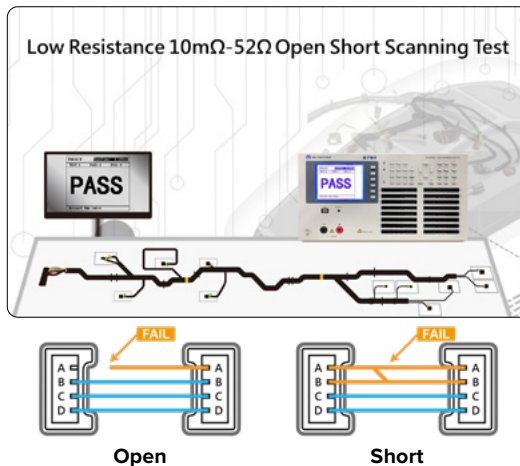
- Power Cord
- 64P 3KV Cable (AK8600F3)
- Adapter board (FX-000C16)
- Probe

Optional

- PC link software
- Remote control cable
- Calibration Kits (KB-8740K1)
- Multiple DUT Testing Expand Box (F874001)
- Adapter board (FX-000C15)
- Adapter board (FX-000C17)
- FX-000C18
- FX-000C21 (USB Type A)
- FX-000C22 (USB Type C)
- FX-000C27
- Networking Fixture
- D-Sub Foot switch (F760001)

Key Features

A Low Resistance Scanning Test



Low Resistance Test: Detect the open/short problem on the contact point of the terminal.

B Open/Short Test

Net Pin#	Page: 1/20 (240 Nets)	LEARN	TEST
001 A01-A02	5		TEST-2 PASS-2 FAIL-0
002 A03-A04	6		U/S TEST PASS
003 A05-A06	6		
004 A07-A08	5		
005 A09-A10	7		
006 A11-A12	5		
007 A13-A14	7		
008 A15-A16	4		
009 A17-A18	7		
010 A19-A20	5		
011 A21-A22	6		
012 A23-A24	4		

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

C Hi-pot Test

Item	DC	Hipot	AC ZERO
[1] Voltage	1000V	700V	
[2] Frequency	Insu.	50Hz	
[3] Test rate	SLOW	SLOW	DC ZERO
[4] Spec.	1000.0MΩ	0.50MΩ	
[5] Offset	0.0MΩ	0.00mΩ	
[6] All-Ground	OFF	OFF	
[7] Binary	ON	ON	
[8] Time	0.10Sec	0.10Sec	CLR. ZERO
[9] All nets	OFF	OFF	
[10] Time	0.01Sec	0.10Sec	NEXT PAGE
[11] GND pin	A01	A01	

Put a stable high voltage on cable to make sure the quality of DUT.

- DC insulation

The result will judge by the rate of insulation resistance. Insulation resistance defect may cause DUT be penetrated or leakage current under high voltage.

- Arc Test

Some high precision product for automobile and military can't accept any arc under high voltage.

Specification

Model Name	8761NAK		8761NK
AC Output Voltage	100-700V		-
DC Output Voltage	50-1000V		
Measuring Mode	4-wire		
Test Pin	512		
Safety Hi pot Test	AC Hipot Leakage Current		0.01mA-5mA
	AC Arcing Detection		1-48
	DC Hipot Leakage Current		0.1 μ A-1000 μ A
	DC Arcing Detection		1-48
	DC Hipot Insulation Resistance		1M Ω -1.2G Ω
	Hipot Output Accuracy		\pm 5%
	Hipot Measurement Accuracy		\pm 5%
	Rated Output		5Vdc
	Hipot Measurement Time		0.01 sec-60 sec
	Wire Specifications		Maximum allowable capacitance 5 μ F
Low Voltage Electrical Test	Cond. Resistance		1m Ω -52 Ω
	Intermittence Cond. Resistance		1m Ω -52 Ω
	O/S, Intermittence O/S, Quick Intermittence open circuit		1k Ω -100k Ω
	Low resistance Scanning	Measurement Range	10m Ω -52 Ω
		Current Signal	10mA
	Single-Side Test		●
	O/S Terminal Judge		●
Component test	Resistance	Measurement Range	50m Ω -20M Ω
		Level signal	0.5-3V
		Current Signal	10mA
	Capacitance	Measurement Range	10pF-12 μ F
		Level signal	0.3V-1.2V
		Frequency signal	AUTO Gear (Optional) 48Hz/ 480Hz/ 4.8kHz/ 48kHz
Diode	Measurement Range	0-6.8V	
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		
Panel	System/ Rapid/ Edit/ Function		
Indicator	Pass/ Fail HV LED red-green indicator lights/ Screen Display/ Sound		

General

Operation	Manual, Auto, Remote Control
Interface	RS-232, USB Host, Print, Remote
Power Supply	Fixed Voltage 115/230 Vac \pm 10%
	Frequency 60/50Hz
Power Consumption	250VA
Display	320*240 dot-matrix
Environment	Temperature: 15 $^{\circ}$ C-35 $^{\circ}$ C, Humidity: RH \leq 70%
Dimension (W*H*D)	435*270*360mm
Weight	18kg