

4-Wire Cable Tester

8761NAK

Features

- 4-wire measurement conductance 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

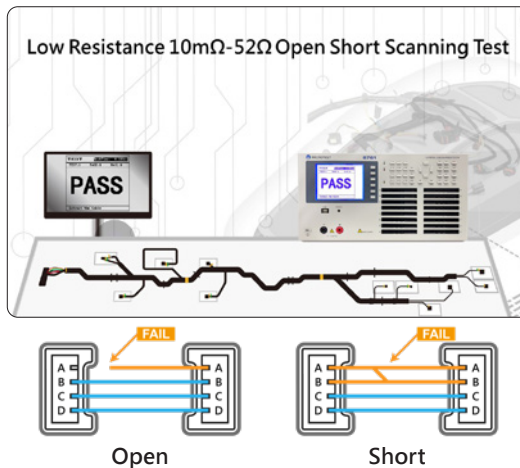
- Power Cord
- 64P 3KV Cable (AK8600F3)
- Adapter board (FX-000C16)
- Probe

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)
- Network Fixture
- 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

O/S NET	File:1	LEARN	TEST	TestTime: 2.58Sec
Net Pin#	Page: 1/20(240Nets)		TEST:2	PASS:2 FAIL:0
001 A01-A02	5		O/S TEST PASS
002 A03-A04	6			
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

HIPOT			File:1	
Item	DC	Hipot		
[1] Voltage	1000V	700V	AC	ZERO
[2] Frequency	Insu.	60Hz	DC	ZERO
[3] Test rate	SLOW	SLOW		
[4] Spec.	1000.0MΩ	0.50mA		
[5] Offset	0.0MΩ	0.00mA		
[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		
[11] GND pin	A01	A01	NEXT	PAGE

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	0-9	
	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	Conductance	1m Ω -52 Ω	
	Intermittence Conductance	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