

4  
Cable Tester

# 2-Wire Cable Tester 8740



Key Feature

- 128 / 256 / 512 testing points
- Number of test file up to 500 sets
- Multiple DUT testing - 4 pieces(standard)/14 pieces(option)
- Identify the defective step of sequential multiple DUT test
- Automatically identify the normal or reverse plugin of connectors
- Capacitor polarity and diode leakage current test
- DC Hipot insulation test rapidly
- AC/DC Hipot leakage current test rapidly
- With single ended cable Open/Short test and HV Insulation/Leakage Current Test
- With Open/Short/Conductance/Components test
- Extendable testing ranges of Open/Short: 2k ~ 100kΩ
- Advanced technology high speed of "Intermittence Open/ Short and Conductance Test"
- USB (Software update, test results storage, files upload/download)
- With Speaker/Earphone jack
- LCD contrast/Sound Volume (adjustable)
- External current expand box for wire buck measurement

Accessory

**Standard**

- Power cord
- User manual CD
- Test Probe
- AK-8600F1 for 8740N/NA
- AK-8600F2 for 8740FA

**Optional**

- Remote Cable
- Calibration Kit (KB-8730K1)
- Current Expand Box (F874003)
- Multiple Dut Testing Expend Box (F874001)
- Type-c adapter board (8740F-2)

## Specification

Model	8740N	8740NA	8740FA
AC Hipot	-	100 - 700V	100 - 1000V
DC Hipot	50 - 1000V	50 - 1000V	50 - 1500V
AC Leakage Current	0.01mA - 5mA		
DC Leakage Current	0.1 $\mu$ A - 1000 $\mu$ A		
Insulation	1M $\Omega$ - 1G $\Omega$		
HV Output Accuracy	$\pm$ 5%		
Hipot Basic Accuracy	$\pm$ 5%		
Rated Output	5Vdc		
Low Voltage Resistance	0.1 $\Omega$ - 2M $\Omega$		
Test Point	128 / 256 / 512	128 / 256 / 512	128 / 256
Measuring Time	0.01 Sec		
Test Mode	Auto / Manual / External Trigger		
Measuring Signal	Low Voltage Measurement Signal		
DUT Requirement	Maximum Electric Capacity Allowance 1 $\mu$ F		
Indicator	Pass / Fail / HV output LED red-green indicator lights / Screen Display / Sound		

## General

Power Supply	Voltage	115 / 230 Vac $\pm$ 10%
	Frequency	60 / 50 Hz
Display	320*240 dot-matrix display	
Interface	Printer Port \ RS-232 \ USB	
Flash Memory	500 sets	
Operation	Manual \ Auto \ Remote Control	
Environment	Temperature : 15 ~ 35 $^{\circ}$ C Humidity : $\leq$ 75%RH	
8740-128 Dimension (W*H*D)	435x145x406 mm/8.44 Kg	
8740-256 Dimension (W*H*D)	435x145x406/9.3 Kg	
8740-512 Dimension (W*H*D)	435x190x406/14 Kg	

## Advanced Function

Programmable continuous test  
Pin search  
Auto-diagnosis

## Measuring Range

Item	Range	Item	Range
Open/Short	2k $\Omega$ - 100k $\Omega$	Diod	0 - 7V
Intermittence O/S	2k $\Omega$ - 100k $\Omega$	IR	1M $\Omega$ - 1G $\Omega$
O/S determinial Judge	with this feature	Single-Side Test	with this feature
Conductance	Max. 52.0 $\Omega$	AC Leakage Current	0.01mA - 5mA
Resistance	Max. 2M $\Omega$	DC Leakage Current	0.1 $\mu$ A - 1000 $\mu$ A
Capacitance	10pF - 1 $\mu$ F		