

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

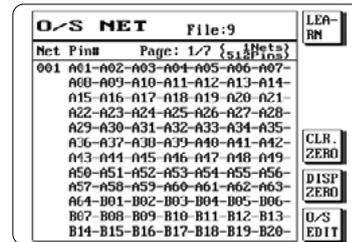
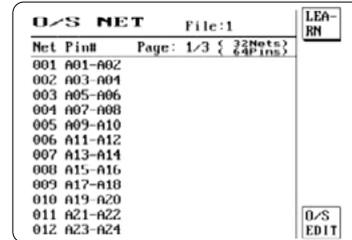
- Power Cord
- AK-8600F2-8740FA
- 8730-J2
- Probe

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

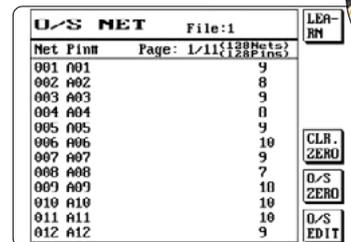
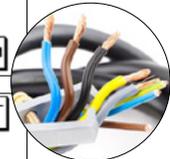
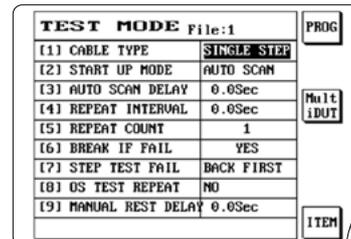
Key Features

A Open/Short Test



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

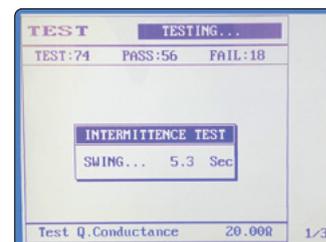
B Single Step



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

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

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 | 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 |
| | | Measurement Range | 10pF-3μF |
| | Capacitance | 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 |

DISTRAME

Parc du Grand Troyes - 40 rue de Vienne - 10300 SAINTE-SAVINE
Tél. : 03 25 71 25 83 - infos@distrame.fr - www.distrame.fr