

## Auto-programming system

# WIRE HARNESS CHECKER

Continuity checker for wire harness, cables, etc.



## WFA-101FC (128P) ■ WFA-102FC (256P)

- Easy to handle and tests the circuits included diodes surely.
- Display, easy to find out the error point, by 20-digit fluorescent display tube.
- Can save the test connection data to the floppy disk.
- Prepared full test functions (Step test, Monitor test, and instantaneous open).

# Special features

## 1 Surely test with simple steps

- **Automatic self checking when powered on**

If there is an error, the test will not be started until the cause will be taken away.

- **Repeat test**

The test starts when the test object (wire harness) is connected. If there is an error, the part will be displayed repeatedly.

In case of OK object, displays "OK" indication, generates OK tremolo sound, and output the "OK" signal.

- **Time management of test and displays integrated OK test objects.**

By using a printer, the test date and the quantity of OK test objects will be printed out. If there are some errors, the part and contents (Open, Short, and Mix) will be printed out.

- **Set up of the continuity test sensitivity**

Possible to set up the continuity test sensitivity (100, 500, 1K, 2.2K ohms), if necessary.

- **Step test**

Only when the test object passed the inspection, the machine switches the test data automatically and continues the test sequentially up to 10 steps

Even if the connection circuit is different (there will be components to be added later or the switch ON-OFF action, etc.), the test will be executed.

- **Monitor test**

If detected the mix or short circuits on the way of connecting the test object, the alarm sound to be heard.

- **Instantaneous open test**

Tests the insecure connection like a wire being cut or terminal being pulled out.

## 2 Easy to understand indication

- Bright and easy to see 20-digit fluorescent display tube is used.

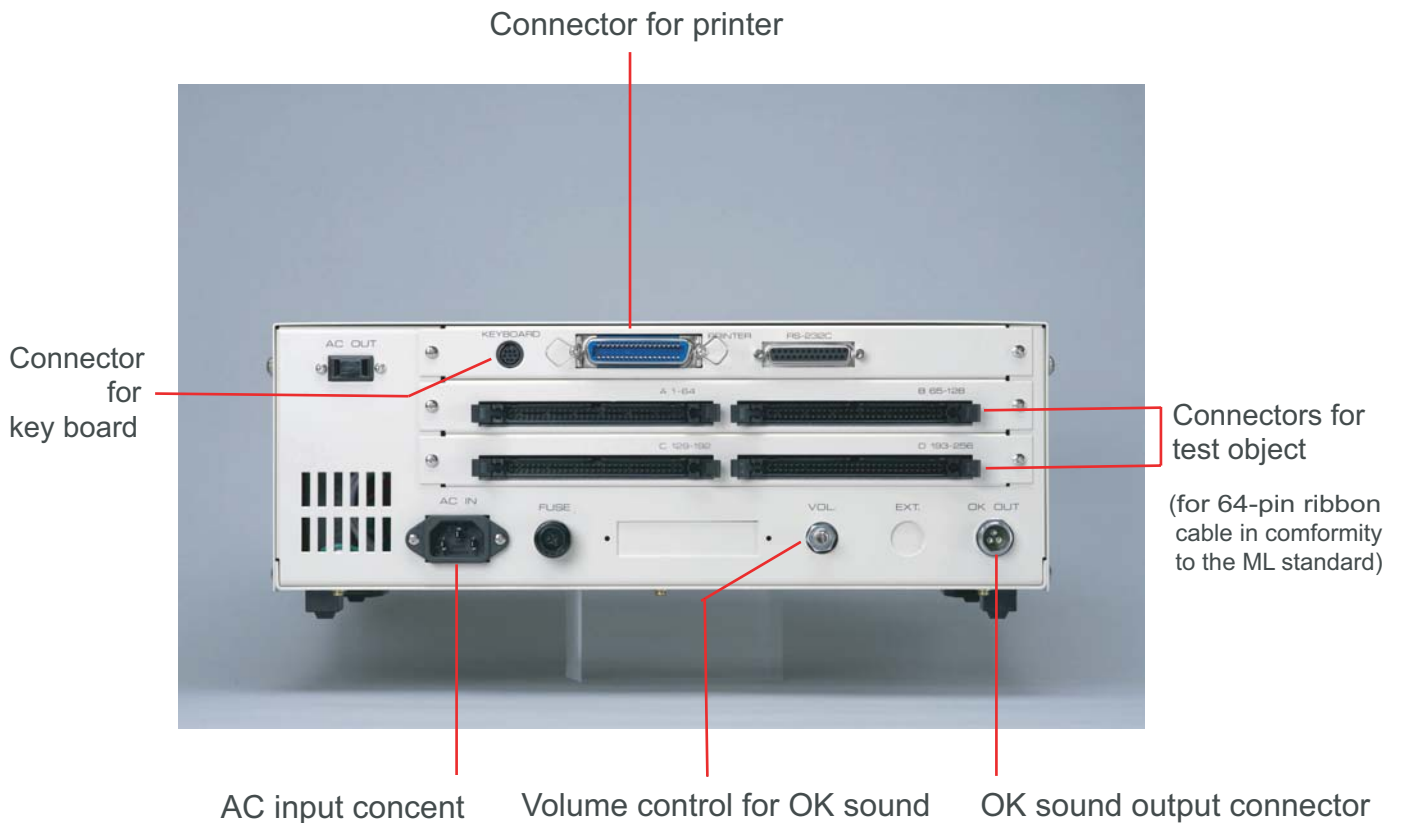
- As the terminal name can be put up to 6 letters or numerics, the error point can be found out easily.

## 3 Easy to make a test jig board

- Available to connect the terminal of the test object to the any terminal of this machine.

- Available to confirm the circuits of the test jig board with SEARCH mode (cable number indicate function).

# WFA-102FC (Rear)

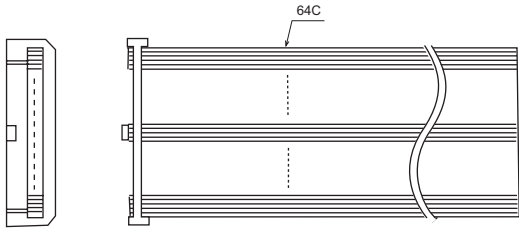


## Specifications

Test point capacity	: 128-point for WFA-101FC / 256-point for FA-102FC
Test time	: 1 second (for 256-point)
Sensitivity	: Open (set up the resistance value) more than 100 / 500 / 1K / 2.2K-ohm Short : Less than 20K-ohm
Connection data input	: Sampling from the test object or input with a keyboard of your PC. Read in from the floppy disk stored the connection data.
Connection data	: To be saved 15 data to the built-in memory. (Can read the stored data at one time) Possible the data naming up to 10 letters for file name and 6 letters for terminal name.
Outer memory	: 3.5 inch floppy disk (Saved 15 data per a floppy disk)
Display	: 20-digit fluorescent display tube. letter height : 9mm
OK'd counter	: Counts up to 9999
Test voltage	: DC 15V
Input voltage / power	: AC85 to 130V / AC180 to 260V (Switchable at inside) / 25VA
Operating temperature	: 0 to 40°C
Dimensions / weight	: 365(W) x 140(H) x 270(D)mm (except protrudings) / 6 Kgs.

## Accessory

### Flat jig connection cables included

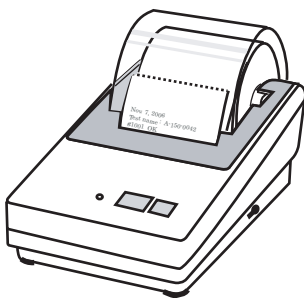


- 2 pcs. for model WFA-101FC
- 4 pcs. for model WFA-102FC

- 64 wires flat cable with connector at one side.
- Cable length : 1.2 meters cable

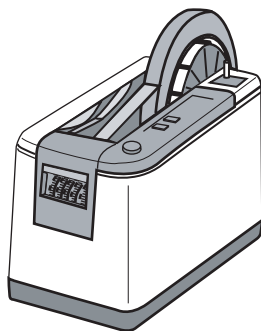
## Optional accessories

### 1) Printer WKE-06



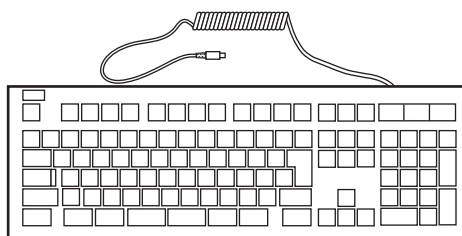
- Function : Print out of connection data, test results, etc.
- Features : High speed printing, light weight
- Interface : Centronics interface
- Accessories : Connection cable, AC adaptor
- Dimension : 106(W) x 106(H) x 180(D) mm
- Weight : 0.5 Kgs.

### 2) Tape cutter WTC-100B



- When the test object (wire harness) is passed the test, a fixed length of tape will come out and paste a "OK" mark to the object. (The tape length : 1 ~ 15 cm adjustable)
- With a buzzer for tape cutting error.
- Tape rol : Cellophane tape (1 or 3" inner dia.)
- Size : 91(W) x 128(H) x 178(D) mm
- Weight : 1.3 Kgs.

### 3) Key board WFE-100A



- Input of connection data, data change, and confirmation  
(Possible to input the alphabet, numeral figures, abd marks)
- Size : 470(W) x 35(H) x 175(D) mm
- Weight : 1.4 Kgs.

- ☆ Possible to produce your special specification model on request.
- ☆ Specifications to be changed without notice for improvement.

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