Footwear Tester

to Improve Traceability and Work as a Combo Tester

- Saves measurement data automatically
- Meets the requirement of JIS T 8103:2010

Specifications

- Name: DC 24 V

Options

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Part Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>DG202</td>
<td>Stand</td>
</tr>
<tr>
<td>B5263</td>
<td>Unit integration base</td>
</tr>
<tr>
<td>B5264</td>
<td>Connecting cable</td>
</tr>
</tbody>
</table>

Packaging list

- Unit, Test plate, Installation base, Knob (qty 2), Wood screw (qty 2), Pan head screw (qty 2), AC adapter, USB cable, Instruction manual

*AC adapter may not be included depending on the specifications.*

Specifications

- Rating: DC 24 V 50 mA
- Measurement voltage: DC 24 V

Measurement range

- Upper limit: 1.0 kΩ (1 x 10^9 Ω)
- Lower limit: 1 kΩ (1 x 10^3 Ω)

Conductivity evaluation: R < 0.1 MΩ (1 x 10^12 Ω)

Accuracy

- R < 0.1 MΩ ±5%
- 0.1 MΩ ≤ R ≤ 100 MΩ ±10%
- 100 MΩ ≤ R ±5%

Operating environment

- Ambient temperature: 0 to 40°C
- Humidity range: 90% RH (without condensation)

Environmental conditions

- Applicable rated pollution degree 2 (according to IEC/UL 61010-1)

Dimensions

- 170 (W) x 20 (H) x 185 (D) mm

Weight

- 0.55 kg (including installation base)

Test plate

- Length: 1.6 m
- Dimensions w/o cord: 300 (W) x 30 (H) x 300 (D) mm
- Weight w/o cord: 1.9 kg

AC adapter

- Output voltage: DC 24 V
Saves measurement data automatically and works as a combo tester

**FG-465**

**Dual Foot Plate**
JIS T 8103:2010 requires measurement on each foot. FG-465 measures anti-static performance of footwear on both feet but individually, and shows the results for each foot. The divider on the test plate prevents faulty measurement.

**Simple yet high visibility design**
Separate displays of "Evaluation result", "Pass range indicator" and "Level indicator" make it possible to check necessary information at a glance.

**Adjustable evaluation range**
Evaluation range is adjustable according to required conditions. The settings can be made by the DIP switches on the back side of the unit.

**Evaluation external output**
Evaluation results can be output through the external output terminal to interlock with other devices, to open a door, turn on a signal etc.

**Installations**
The unit can be installed on a desk and wall. Also, it can be attached to an optional stand.

**User-friendly software**
The dedicated software makes it easy to check measurement status of FG-465. The software enables digital management of all the related measurement information including operator IDs.

**ID Management**
Operator IDs can be recorded as a part of measurement information. IDs can be input by entering numeric values, reading barcode or IC card.

**Improved traceability**
The measurement information can be automatically saved as a digital data in a specified folder. The information consists of measurement date, time, operator ID, and result of each foot to improve traceability.

**Works with wrist strap tester FG-470**
FG-465 can work as a combo tester with FG-470, a wrist strap tester, that makes it possible to conduct measurement, evaluation, and recording of both footwear and wrist strap at once.