

Packing 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 20 V	
Measurement range	Upper limit	1000 MΩ (1 × 10 ⁹ Ω)
		100 MΩ (1 × 10 ⁸ Ω)
	Lower limit	10 MΩ (1 × 10 ⁷ Ω)
		1 MΩ (1 × 10 ⁶ Ω)
Conductivity evaluation	0.1 MΩ (1 × 10 ⁵ Ω)	
	R < 0.1 MΩ (1 × 10 ⁵ Ω)	
	R < 0.1 MΩ (1 × 10 ⁵ Ω)	
Accuracy	R < 0.1 MΩ	±5%
	0.1 MΩ ≤ R ≤ 100 MΩ	±10%
	100 MΩ < R	±8%
Operating environment	Ambient temperature/Humidity range: 0 to 40°C, max.80% RH (without condensation)	
Environmental conditions	Applicable rated pollution degree 2 (according to IEC/UL61010-1)	
Dimensions	120 (W) × 30 (H) × 185 (D) mm	
Weight	0.55 kg (including installation base)	

Options

Part No.	Part Name
C5032	Stand
B5263	Unit integration base
B5264	Connecting cable

Test plate

Cord length	1.6 m
Dimensions (w/o cord)	300 (W) × 30 (H) × 300 (D) mm
Weight (w/o cord)	1.9 kg

AC adapter

Output voltage	DC 24 V
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HAKKO FG-465
FOOTWEAR TESTER



**Footwear Tester
to Improve Traceability
and Work as a Combo Tester**

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



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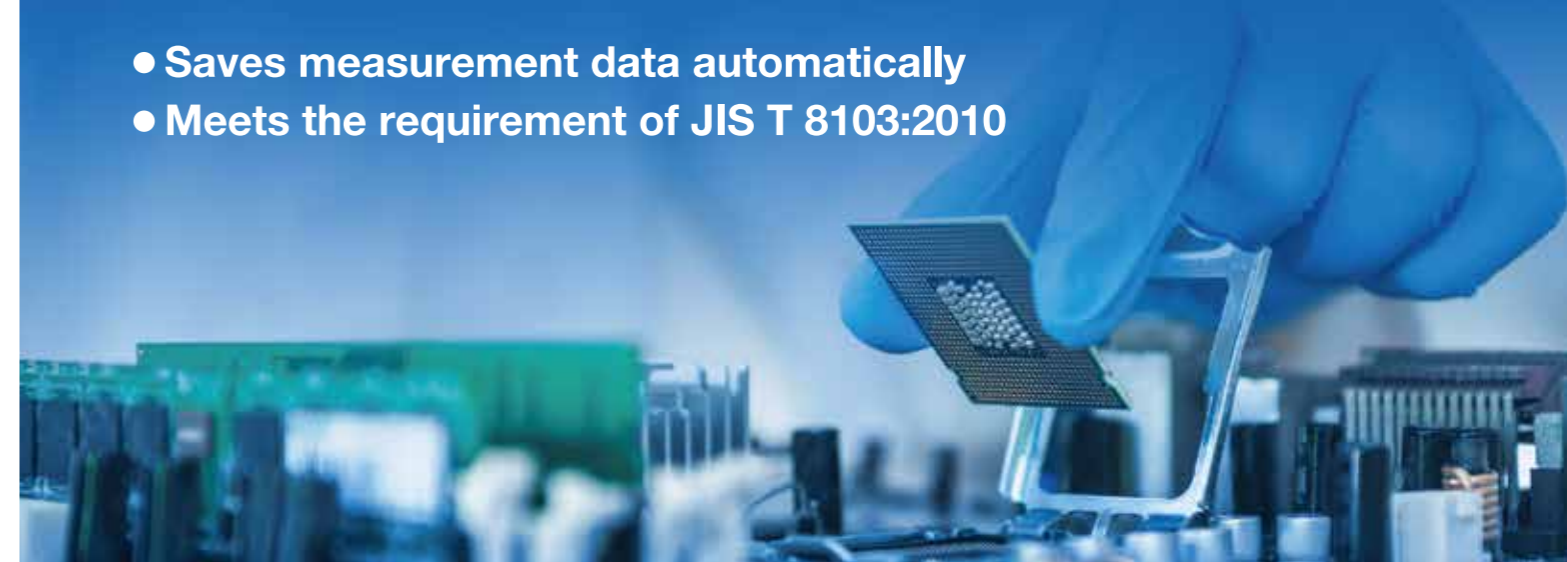
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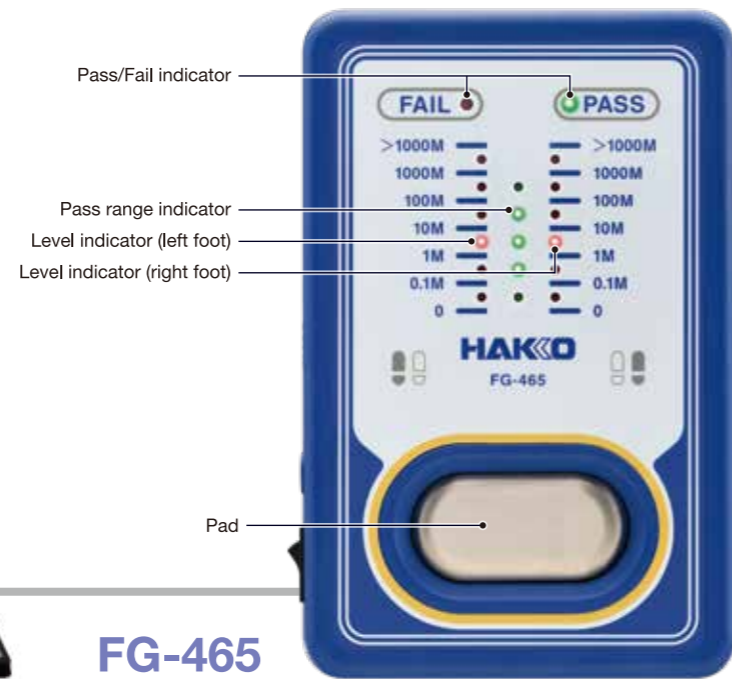
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Saves measurement data automatically and works as a combo tester

HAKKO FG-465
FOOTWEAR 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.



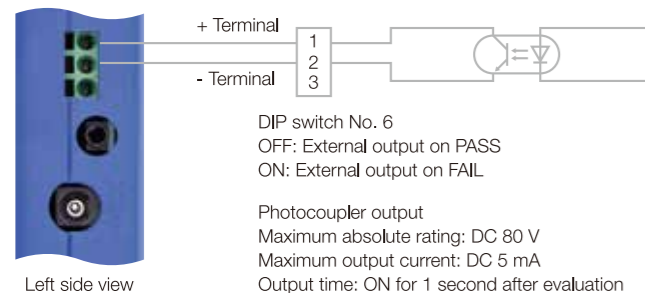
Installations

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



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.



C5032 Stand



B5263 Unit integration base (Connecting cable included)

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.

*The registrations on our website are necessary to download the software.



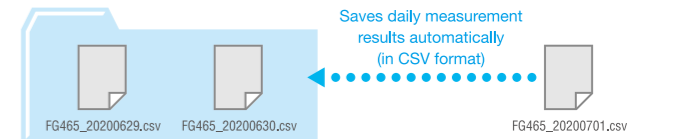
ID Management

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.



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Date	Time	ID	Name	Comprehe	Left foot (	Left foot (	Right foot (	Right foot (	Wrist stra	Conductiv	Lower eva	Upper eva	Evaluation	Evaluation	FG-470
2	2020/7/1	8:47	400	Smith	PASS	10M-100M	PASS	1M-10M	PASS	----	OFF	0.1M	100M	PASS	PASS	YES
3	2020/7/1	8:47	100	Jonson	PASS	10M-100M	PASS	10M-100M	PASS	----	OFF	0.1M	100M	PASS	PASS	YES
4	2020/7/1	8:47	192	Williams	PASS	10M-100M	PASS	10M-100M	PASS	----	OFF	0.1M	100M	PASS	PASS	YES
5	2020/7/1	8:48	202	Jones	FAIL	10M-100M	PASS	100M-100	PASS	----	OFF	0.1M	100M	PASS	PASS	YES
6	2020/7/1	8:49	410	Brown	FAIL	100M-100	FAIL	1M-10M	PASS	----	OFF	0.1M	100M	PASS	PASS	YES
7	2020/7/1	8:49	301	Davis	PASS	10M-100M	PASS	0.1M-1M	PASS	----	OFF	0.1M	100M	PASS	PASS	YES
8	2020/7/1	8:49	937	Miller	PASS	10M-100M	PASS			----	OFF	0.1M	100M	PASS	PASS	YES



FG-470

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.

