

DIGITAL MICRO OHM METER MODEL : DAC-MRG-1

SOKEN

DAC-MRG-1 has been designed to measure low resistance of coil resistance such as large electric appliances and power cables stably operating on Voltage Drop Method.



On Site Test Type:
DAC-MRG-1

4 terminal measurement provides highly accurate measurement results.

Besides, it enables to measure specimen which has induced voltage by combining with DAC-IVE-1 provided as option.



Desk Top Type: DAC-MR-1U

Two different designs are available for your test location.

Application : Resistance Measurements

(Power Cable, •Electric Wire, Switches, Relays, Transformer, welded part)

- Feature**
- Measuring Current 10A / Minimum resolution 0.1 $\mu\Omega$
 - Internal 3 steps filter circuit allows to the stable field test.
 - An alarm LED is turned on while a test sample is charged.
 - For safety test Discharging Monitor Circuit is provided so that the test sample is discharged.

Specification

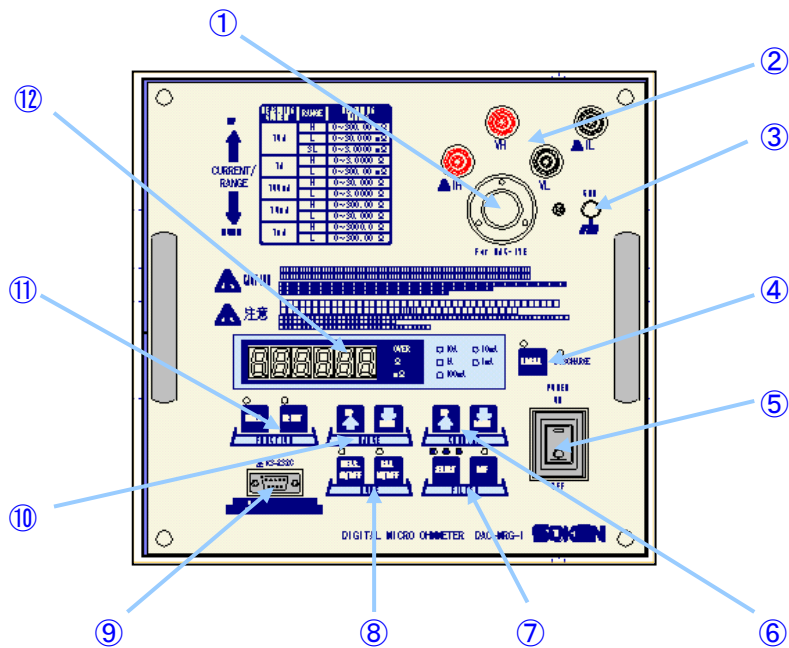
Measuring Current	Measuring Range	Min. Resolution	Measuring Mode
10A	0~3.0000m Ω	0.1 $\mu\Omega$	SL
	0~30.000m Ω	1 $\mu\Omega$	H
	0~300.00m Ω	10 $\mu\Omega$	L
1A	0~300.00m Ω	10 $\mu\Omega$	H
	0~3.0000 Ω	100 $\mu\Omega$	L
100mA	0~3.0000 Ω	100 $\mu\Omega$	H
	0~30.000 Ω	1m Ω	L
10mA	0~30.000 Ω	1m Ω	H
	0~300.00 Ω	10m Ω	L
1mA	0~300.00 Ω	10m Ω	H
	0~3000.0 Ω	100m Ω	L

- Display : Digital Display 5 digits max. 31999
 - Accuracy : $\pm(0.2\% \text{ Rdg} + 1 \text{ digit})$ ※2000digits or more
 - Data Output : Analog 10000digits / DC1V
 - AC Mains : AC85~132V / 170~264V 50/60Hz
 - Electric Power Consumption : Approx. 150W (on measuring 10A)
 - Size/Weight : On-Site Type: W320×H160×D300mm Approx 10kg
Desk Top Type: W370×H132×D370, Approx 9.3kgs
 - Interface : RS232C
 - Option : Thermal Printer Kit • Aluminum Trunk Case
- An optional length and clips for measuring cables are available.

Digital Micro Ohmmeter

MODEL : DAC-MRG-1

Explanation of Panel



- ① Connector for DAC-IVE-1
- ② Connecting Cable for 4 terminal measuring cable.
- ③ GND terminal
- ④ Interface Local Key
- ⑤ Power Switch
- ⑥ Measuring Current Setup Key
- ⑦ Filter Selecting Key
- ⑧ MEAS · CAL Key
- ⑨ RS232C Connector
- ⑩ Range Selecting Key
- ⑪ Display HOLD and PRINT Key
- ⑫ Digital Display

Standard Accessories

- 4 terminal Measuring Cable (3 meters) 1 pc
- AC Cord 1 pc
- Spare Fuse (3A) 1 pc
- Grounding Cable, Grounding Clip 1 pc



Option: DAC-SCM-1
10ch Switching Box/Max Testing Current: 10A
Max 50ch's by combining 4 sets in series

Option

Induced Voltage Eliminator Model : DAC-IVE-1

Outline :

DAC-IVE-1 has been designed for an optional unit of Digital Micro Ohmmeter DAC-MRG-1 to eliminate induced voltage of test samples with a built-in filter.

Portable in an aluminum trunk case.

Usable Range:

Current Range of DAC-MRG-1	Inductive Voltage Range
10A	50V or more
1A	100V or less

Size & Weight : W330 × H205 × D270mm Approx 15kg



Specifications are subject to change for improvements without prior notice.



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