

## DIGITAL MICRO OHM METER DAC-MRG-2

DAC-MRG-2 is a low resistance measuring instrument introducing Voltage-Drop method with resolution Max 0.1 $\mu\Omega$ .

Providing internal 3 steps Filter function and Max test current 10A, DAC-MRG-2 can measure Coil resistance of Large-sized electrical instruments; conductor resistance of Power cables etc., with high stability even there is superimposed noise on the specimens.

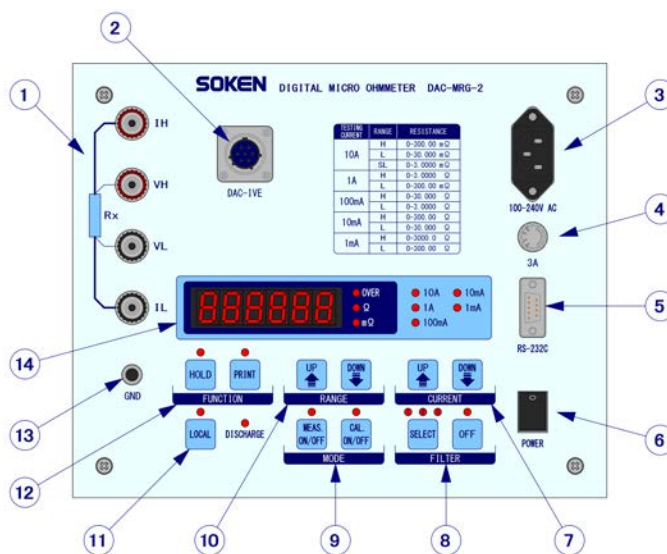
### Applications

Coil Resistance of Motors, Transformers  
 Conductor Resistance of Power Cables, Electric Wires  
 Contact Resistance of Switches, Circuit Breakers  
 Resistance of Fuses, Welded parts



### Features

- Measuring Current 10A / Minimum resolution 0.1 $\mu\Omega$
- Internal 3 steps filter circuit allows to the stable field test.
- High accuracy measurement with the 4-terminal measuring method.
- To remove the test samples safely, test discharging monitor circuit is provided so that the charging energy is discharged.
- Operation from topside panel, suitable for On-Site test



- ① Terminals for 4-terminal measuring cable
- ② Connector for DAC-IVE-1
- ③ AC Inlet
- ④ Fuse Holder
- ⑤ RS-232C Connector
- ⑥ Main Power Switch
- ⑦ Keys for setting Testing Current
- ⑧ Keys for selecting Filter
- ⑨ MEAS · CAL ON/OFF Keys
- ⑩ Keys for exchange Ranges
- ⑪ Interface LOCAL Key
- ⑫ HOLD display · PRINT Keys
- ⑬ Grounding terminal
- ⑭ Display screen for Measuring Result

# Model DAC-MRG-2/DAC-MR-2U

## DIGITAL MICRO OHM METER

### Specifications

| Measuring Current | Measuring Range | Minim Resolution | Measuring Mode |
|-------------------|-----------------|------------------|----------------|
| 10A               | 0 - 3.0000mΩ    | 0.1μΩ            | SL             |
|                   | 0 - 30.000mΩ    | 1μΩ              | L              |
|                   | 0 - 300.00mΩ    | 10μΩ             | H              |
| 1A                | 0 - 300.00mΩ    | 10μΩ             | L              |
|                   | 0 - 3.0000Ω     | 100μΩ            | H              |
| 100mA             | 0 - 3.0000Ω     | 100μΩ            | L              |
|                   | 0 - 30.000Ω     | 1mΩ              | H              |
| 10mA              | 0 - 30.000Ω     | 1mΩ              | L              |
|                   | 0 - 300.00Ω     | 10mΩ             | H              |
| 1mA               | 0 - 300.00Ω     | 10mΩ             | L              |
|                   | 0 - 3000.0Ω     | 100mΩ            | H              |

- Display : Digital Display 5 digits Max. 31999
- Accuracy : ±(0.2% Rdg+1digit) ※2000digits or more
- AC Mains : AC85-132V/AC170-264V, 50/60Hz
- Electric Power Consumption: Approx. 150W (on measuring 10A)
- Size/Weight : W305×H245×D250mm/Approx. 7.3kg(without projections)
- Interface : RS-232C
- Option : Thermal Printer Kit, Optional length cables

### Option Accessories

#### ■ Induced Voltage Eliminator [Model DAC-IVE-1](#)

DAC-IVE-1 is an option Eliminator for DAC-MRG-2 to eliminate induced voltage of test specimens with a built-in filter. Portable in an aluminum trunk case

Usable Range:

| Current Range of DAC-MRG-2 | Inductive Voltage Range |
|----------------------------|-------------------------|
| 10A                        | 50V or less             |
| 1A                         | 100V or less            |



Size & weight: W330xH205xD270mm, Approx.15kg

### Product Line-Up

#### Model DAC-MR-2U

DAC-MR-2U is a desk top type Digital Micro Ohm Meter having the same performance with DAC-MRG-2.

Size & weight: W370xH132xD370, Approx. 6.3kg



Desk Top Type: DAC-MR-2U

2015/05/01