

# Fit All Battery Internal Resistance Test



## GBM-3300/3080

### Battery Meter

- 3.5' TFT LCD (320x240)
- Measurement items : DC voltage and AC resistance
  - \* Voltage measurement : 300V (GBM-3300) or 80V (GBM-3080)
  - \* Resistance measurement :  $0\text{m}\Omega \sim 3.2\text{k}\Omega$  (max.)
- Basic Accuracy For Voltage Measurement : 0.01%
- Basic Accuracy For Resistance Measurement : 0.5%
- Measurement Resolution up to  $0.1\mu\Omega$  and  $10\mu\text{V}$ , Suitable For Single-cell Measurement
- Independent Go/NoGo Determination Function For Voltage and Resistance Respectively
- The Judgment Mechanism of Test Lead(Probe) Disconnect/Contact Failure is to Ensure The Measurement Reliability
- Standard Interfaces : USB Host/Device, RS-232C and Handler

## SPECIFICATIONS

<b>DISPLAY</b>	Screen Resistance Voltage	3.5" (320 x240) TFT LCD 5 digits 6 digits																																															
<b>TEST SPEED</b>	Slow Medium Fast Ex. Fast	3 time/second 14 time/second 25 time/second 65 time/second																																															
<b>RESISTANCE MEASUREMENT</b>	Test Frequency	1kHz (±0.5Hz) Fixed																																															
	Input Impedance	3mΩ~ 300mΩ: 99kΩ, 3Ω ~ 3kΩ: 2MΩ																																															
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<b>OTHER FUNCTIONS</b>	Range Selection Comparator Contact Detection Buzzer Trigger	Auto range, Hold range, Nom range ABS, PER or SEQ OPEN & WIRE OFF, Pass, Fail INT, EXT																																															
<b>INTERFACE</b>		USB Host/USB Device/RS-232C/Handler																																															
<b>POWER SOURCE</b>		AC 100-240, 50-60Hz; Consumption: 10W																																															
<b>DIMENSIONS &amp; WEIGHT</b>		264(W) x 107(H) x 309(D) mm, Approx. 2.8kg																																															

Specifications subject to change without notice. GBM 3000CD1DS

### ORDERING INFORMATION

**GBM-3300** 300V Battery Meter (including RS-232C/USB device/host and HANDLER interface)  
**GBM-3080** 80V Battery Meter (including RS-232C/USB device/host and HANDLER interface)

### ACCESSORIES

Safety sheet x 1, Power cord x 1,  
 GBM-01 x 1 : 4 Wire (kelvin clip) test lead, 90V(max.), approx. 1100mm,  
 CD x 1 (including complete user manual and USB driver)

### OPTION ACCESSORIES

**GBM-02** 4 Wire (single pin) test probe, 80V (max.), approx. 1100mm  
**GBM-03** 4 Wire (twin pin) test probe, 300V (max.), approx. 1400mm  
**GBM-S1** Short Bar (for GBM-02/GBM-03)  
**GTL-232** RS-232C cable, 9-pin Female to 9-pin, null modem for computer, Approx. 2000mm  
**GTL-246** USB cable, A-B type, approx. 1200mm  
**GRA-422** Rack Mount kit

**GW INSTEK**

Simply Reliable