

Model

AX-1262B Battery MILLI OHM/V Meter

Measures to inspect for the internal resistance of battery and battery voltage at the same time



- Built-in electromotive force cancellation circuit
- GP-IB/RS-232C/Centronics output available. (Option)
- 4-terminal measurement
- Built-in Contact check
- Analog Output as standard

Specifications

Measuring range and Accuracy (at23°C±5°C)

Voltage measuring range		Resolution	Accuracy	
0.000V~12.999V		1mV	within ±0.03%rdg±2digit	
Range	Measuring range	Resolution	Measuring current	Accuracy
20mΩ	0.00mΩ ~ 19.99mΩ	10 μΩ	100mA	within ± (0.2%rdg+50 μΩ) ±2digit [Slow] ±3digit [Fast]
200mΩ	0.0mΩ ~ 199.9mΩ	100 μΩ	10mA	
2Ω	0.000Ω ~ 1.999Ω	1mΩ	1mA	
20Ω	0.00Ω ~ 19.99Ω	10mΩ	100 μA	
200Ω	0.0Ω ~ 199.9Ω	100mΩ	10 μA	

Test signal	1kHz±0.1% sine wave/1V r.m.s. (max.)
Measuring method	4-terminal measuring method [available to contact check]
Sampling time	Free running mode : 5 or 15 times/sec. Remote start mode : about 24msec./110msec.
Measuring response time	Within 20msec. approx.
Measuring terminals max. voltage	DC±25V(In case of A.E.C. : S"OFF"/DC±13V(In case of A.E.C. : S"ON")
Comparator set range	Resistance : 3½ Digit (1999) both high and low limit Voltage : 4½ Digit (±12.999) both high and low limit
Indication of comparator's comparison result	LED indication LO/GO/HI and buzzer
Control signal	Remote start signal Remote hold signal comparison output [R-LO/R-HI/V-LO/V-HI/GO] : Open-collector output Contact signal error [CE] : Open-collector output end of comparison output [EOC] : Open-collector output
Analog output	Resistance value : Full scale DC10V±0.3%±30mV Battery voltage : 0~±12V±0.1%±10mV
Operation condition	[Temp.] +5°C~+40°C [Humidity] less than 85%
Power supply	AC100V~240V selectable, 50/60Hz, about 50VA
Outer dimension	about 333(W)×99(H)×300(D)mm (excluding protruding parts such as rubber legs, etc.)
Weight	about 3.5kg

The Outline

AX-1262B Battery mΩ/V meter inspect to measure internal resistance like battery having electro motive force.

Contact check function is standard equipment: When measure 4 terminals, either one contact failure occurs, outputs Contact Error signal.

Option

- GP-IB Interface
 - RS-232C Interface
 - Printer output (8 bit parallel Centronics)
- *Either one interface can built-in the option above.

- Printer cable