

# DIGITAL MULTIMETER PM11

## APPLICATIONS AND FEATURES

This instrument is a pocket type digital multimeter designed for the measurement of low-voltage circuit.

This is used at small communications equipments, home electric appliances, voltage of lump line, and measurement of various types of batteries.

- 4000 count
- 0.8% best accuracy
- Analog bar graph
- Compact storage of test leads
- Test lead can be snapped into a fixed position atop the case.

## SPECIFICATIONS

|            | Measuring range                                                      | Best accuracy  | Resolution   | Input impedance                                         |
|------------|----------------------------------------------------------------------|----------------|--------------|---------------------------------------------------------|
| DCV        | 400m/4/40/400/500V                                                   | $\pm(0.8\%+4)$ | 0.1mV        | DCV :<br>10M~100M $\Omega$<br>ACV :<br>10M~11M $\Omega$ |
| ACV        | 4/40/400/500V                                                        | $\pm(2.3\%+8)$ | 0.001V       |                                                         |
| Resistance | 400/4k/40k/400k/4M/40M $\Omega$                                      | $\pm(2.0\%+4)$ | 0.1 $\Omega$ |                                                         |
| Continuity | Buzzer sounds at less than 35 $\Omega$ . Open voltage : approx. 1.2V |                |              |                                                         |
| Diode test | Open voltage : approx. 3V                                            |                |              |                                                         |

|                                  |                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Measuring method                 | Dual integration                                                                                                                                     |
| Display                          | Counter approx. 4000 counts max. Bar graph max. 40 segments                                                                                          |
| Range selection                  | Auto range                                                                                                                                           |
| Over display                     | "OL" is displayed                                                                                                                                    |
| Polarity                         | Automatic selection(only "-" is displayed when negative voltage is inputted.)                                                                        |
| Battery low warning              | Battery(  ) mark lights when the internal battery's power is low. |
| Sampling rate                    | Approx. 1.3 times/sec(numeral display)<br>Approx. 13 times/sec(bar graph)                                                                            |
| Operating temperature / humidity | 0~40°C, 80%RH(Max)                                                                                                                                   |
| Storage temperature / humidity   | -10°C~50°C, below 70%RH No condensation                                                                                                              |
| Environmental condition          | Altitude 2000m or below, pollution degree II                                                                                                         |
| Power consumption                | 3.5mW(at DCV)                                                                                                                                        |
| Bandwidth                        | 45~1kHz                                                                                                                                              |
| Battery                          | Button battery LR44 x 2                                                                                                                              |
| Size / Mass                      | H117 x W76 x D18mm / 117g                                                                                                                            |
| Standard accessories included    | Instruction Manual                                                                                                                                   |



A battery for monitoring has been installed prior to shipment from the factory. It may be discharged before the expiration of the described battery life. This battery is used to check the functions and performance of the product. Specifications and external appearance of the product described above may be revised for modification without prior notice.

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