

# SEW

## POWER METER



*Monitor the efficiency of your appliances and equipment, and reduce your power bill with the new power meter 2015 PM.*

The advantages of 2015 PM :

- Determine the running cost of your appliances.
- Measure voltage, current, frequency, watt, power factor, and greenhouse gas emissions.
- Log and Recall function.
- Enable users to read the data in memory directly on the meter without connecting to a PC.
- Optical USB to RS-232 data transmission.
- 2 Optical LEDs are built-in for data transfer.
- Transferring and showing real-time data to a PC.
- Make informed decisions when purchasing appliances and equipment.
- Reduce your electricity bill.
- Calculate electrical expenses by real, hour.
- Data communication function.
- Freely set upper and lower limit for V, A, W and alarm when measured value is out of limit.
- Backlight function.
- Safety Standard :  
IEC/EN 61010-1 CAT III 600V  
EN 61326-1

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Model

### 2015 PM

## SPECIFICATIONS

Item	Range	Resolution	Accuracy
AC voltage	600 V	0.1V	$\pm 1\% \pm 5\text{dgt}$
AC current	1000 A	0.1A	$\pm 1.5\% \pm 5\text{dgt}$ (>10A)
Power	0-9999 kW		$\pm 2.5\% \pm 5\text{dgt}$
Apparent power	0-9999 kVA		$\pm 2.5\% \pm 5\text{dgt}$
Power factor	0.001-1	0.001	
Frequency	45-65 Hz	0.1	$\pm 0.5\% \pm 5\text{dgt}$
Cost	9999 \$		
Energy	9999 kWh		
Gas	9999 kg		
Cost setting	0-9999 kWh		
Gas setting	0-9999 kg / kWh		

- Weight: Approx. 1400g
- Dimensions: AD-55 : Approx. 212(L) × 100(W) × 47(D) mm  
2015 PM : Approx. 177(L) × 200(W) × 105(D) mm
- Power Source: 1.5V(AA) × 6

## Data Communication Function

- Downloading saved data to a PC.
- Transferring and showing real-time data to a PC.
- 2000 measurement records can be saved in the memory and can be recalled on the display.
- Transmission protocols can be confirmed from a hyper terminal.

No.	Date	Voltage [V]	Current [A]	Power [W]	Power Factor [PF]	Frequency [Hz]	Cost [Yen]	Gas [kg]
145	2013/05/09 09:28:03	200.0	253.200	58.5	0.85	50	0.000	0.000
146	2013/05/09 09:28:04	200.0	253.1	58.56	0.85	50	0.000	0.000
147	2013/05/09 09:28:05	200.0	253.1	58.56	0.85	50	0.000	0.000
148	2013/05/09 09:28:06	200.0	253.1	58.56	0.85	50	0.000	0.000
149	2013/05/09 09:28:07	200.0	253.1	58.56	0.85	50	0.000	0.000
150	2013/05/09 09:28:08	200.0	253.1	58.56	0.85	50	0.000	0.000
151	2013/05/09 09:28:09	200.0	253.1	58.56	0.85	50	0.000	0.000
152	2013/05/09 09:28:10	200.0	253.1	58.56	0.85	50	0.000	0.000
153	2013/05/09 09:28:11	200.0	253.1	58.56	0.85	50	0.000	0.000
154	2013/05/09 09:28:12	200.0	253.1	58.56	0.85	50	0.000	0.000
155	2013/05/09 09:28:13	200.0	253.1	58.56	0.85	50	0.000	0.000
156	2013/05/09 09:28:14	200.0	253.1	58.56	0.85	50	0.000	0.000
157	2013/05/09 09:28:15	200.0	253.1	58.56	0.85	50	0.000	0.000
158	2013/05/09 09:28:16	200.0	253.1	58.56	0.85	50	0.000	0.000
159	2013/05/09 09:28:17	200.0	253.1	58.56	0.85	50	0.000	0.000
160	2013/05/09 09:28:18	200.0	253.1	58.56	0.85	50	0.000	0.000
161	2013/05/09 09:28:19	200.0	253.1	58.56	0.85	50	0.000	0.000
162	2013/05/09 09:28:20	200.0	253.1	58.56	0.85	50	0.000	0.000
163	2013/05/09 09:28:21	200.0	253.1	58.56	0.85	50	0.000	0.000
164	2013/05/09 09:28:22	200.0	253.1	58.56	0.85	50	0.000	0.000

