

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [SCHWAIGER](#) /
- › [SCHWAIGER SOEM0100 Energy Cost Meter Instruction Manual](#)

## SCHWAIGER SOEM0100

# SCHWAIGER SOEM0100 Energy Cost Meter Instruction Manual

Brand: **SCHWAIGER** | Model: **SOEM0100**

## 1. INTRODUCTION

The SCHWAIGER SOEM0100 Energy Cost Meter is designed to help you monitor and manage the electricity consumption and associated costs of your household appliances. With its large, rotatable display and multiple viewing modes, it provides clear and accurate data, enabling informed decisions about energy usage. This manual will guide you through the setup, operation, and maintenance of your device.

Your browser does not support the video tag.

*Official Product Summary Video for SCHWAIGER SOEM0100. This video provides a brief overview of the energy cost meter's features and design.*

## 2. SAFETY INFORMATION

- Read all instructions carefully before use.
- Do not exceed the maximum load of **16A / 3600W**. Overloading can cause damage to the device and connected appliances, and poses a fire hazard.
- This device is intended for indoor use only. Do not expose to moisture or extreme temperatures.
- Do not disassemble or attempt to repair the device. Refer all servicing to qualified personnel.
- Keep out of reach of children.
- Ensure the device is securely plugged into a wall socket and that the appliance is securely plugged into the meter.

## 3. PACKAGE CONTENTS

- 1x SCHWAIGER SOEM0100 Energy Cost Meter
- 1x Instruction Manual (this document)

## 4. PRODUCT OVERVIEW

The SCHWAIGER SOEM0100 features a compact design with an integrated display and intuitive controls for easy operation.



Figure 4.1: Front view of the SCHWAIGER SOEM0100 Energy Cost Meter, highlighting the large, backlit display and control buttons. The display shows current energy consumption in KWh.





Figure 4.2: Angled view of the energy cost meter, showing the side profile and the display from a different perspective.





Figure 4.3: Side view of the energy cost meter, illustrating its slim profile when plugged into a socket.

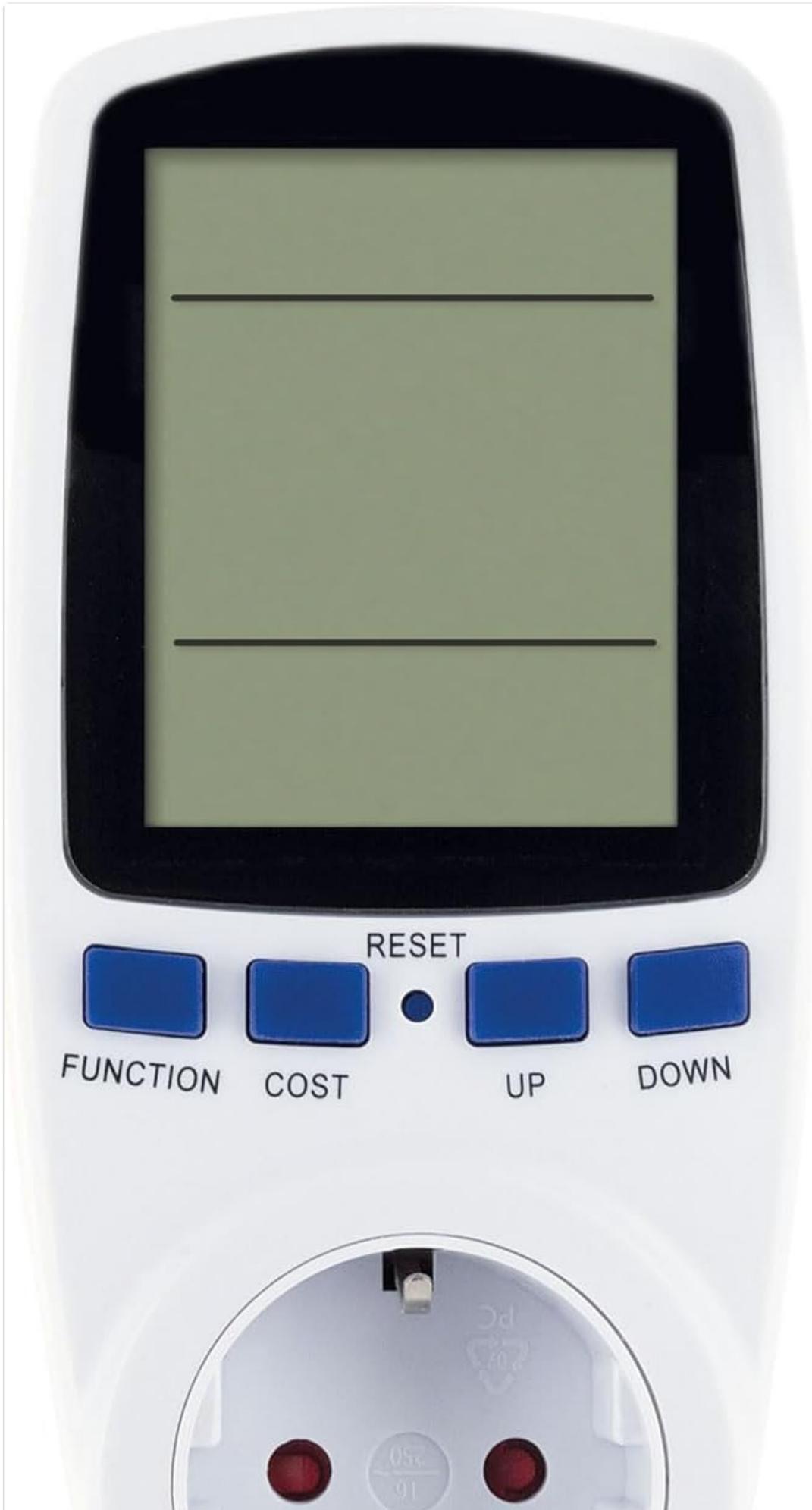




Figure 4.4: Front view of the energy cost meter with an empty display, showing the 'FUNCTION', 'COST', 'RESET', 'UP', and 'DOWN' buttons.

### Controls and Display:

- **Display:** Large, 180° rotatable, backlit LCD for clear visibility of measurement data.
- **FUNCTION Button:** Cycles through the 7 different display modes (e.g., kWh, Watt, Voltage, Frequency, Cost, Total Time).
- **COST Button:** Used to set the electricity cost per kWh.
- **RESET Button:** Resets accumulated data.
- **UP/DOWN Buttons:** Used for adjusting values during settings.

## 5. SETUP

1. **Plug In the Meter:** Insert the SCHWAIGER SOEM0100 into a standard wall socket.
2. **Initial Power-On:** The display will light up, and the device will be ready for use.
3. **Set Current Time (Optional):** If the device has a clock function, use the appropriate buttons (refer to specific button combinations if available, otherwise assume 'FUNCTION' or 'SET' to access time settings and 'UP/DOWN' to adjust).
4. **Set Electricity Cost:**
  - Press the **COST** button. The cost setting will appear on the display.
  - Use the **UP** and **DOWN** buttons to adjust the cost per kWh according to your local electricity tariff.
  - Press **COST** again to confirm and save the setting.
5. **Connect Appliance:** Plug the appliance you wish to monitor into the socket on the front of the energy cost meter.



Figure 5.1: Illustrates plugging the energy cost meter into a wall socket.

## 6. OPERATING INSTRUCTIONS

### Viewing Measurement Data:

Press the **FUNCTION** button repeatedly to cycle through the 7 different display modes. These modes typically include:

- **Current Power (Watt):** Shows the real-time power consumption of the connected appliance.
- **Accumulated Energy (KWh):** Displays the total energy consumed since the last reset.
- **Voltage (V):** Shows the current line voltage.
- **Current (A):** Displays the current drawn by the appliance.
- **Frequency (Hz):** Shows the mains frequency.
- **Electricity Cost:** Calculates the total cost based on accumulated energy and your set tariff.
- **Total Operating Time:** Shows the duration the appliance has been connected and powered on.

### Data Storage:

The SCHWAIGER SOEM0100 features internal memory to store accumulated data (KWh, cost, total operating time) even during a power outage or when unplugged. This ensures continuous tracking of your energy usage.

### Resetting Data:

To clear all accumulated data (KWh, cost, total operating time) and start a new measurement cycle, press and hold the **RESET** button for approximately 3-5 seconds until the display clears or resets to zero.

## 7. MAINTENANCE

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, unplug the device and store it in a cool, dry place away from direct sunlight.
- **Inspection:** Periodically check the device and its connections for any signs of damage. Do not use if damaged.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank or not lighting up.	No power to the socket or device is faulty.	Check if the wall socket is live. Try plugging another device into the socket. If the problem persists, the meter may be faulty.
Incorrect readings or no readings.	Appliance not properly connected or meter malfunction.	Ensure the appliance is fully plugged into the meter. Try resetting the meter by holding the RESET button.
Cost calculation is incorrect.	Electricity cost per KWh is set incorrectly.	Re-enter the correct electricity cost per KWh using the COST and UP/DOWN buttons.
Device feels warm.	Normal operation for some loads, or device is overloaded.	Ensure the connected appliance does not exceed the maximum load of 16A / 3600W. If it continues to feel excessively hot, discontinue use.

## 9. SPECIFICATIONS

<b>Brand</b>	SCHWAIGER
<b>Model</b>	SOEM0100
<b>Operating Power</b>	230V ~ 50Hz
<b>Max. Load</b>	16A / 3600W
<b>Voltage Range</b>	180-250V
Frequency Display	47-63 Hz
<b>Weight</b>	210 g
<b>Included Components</b>	Energy Cost Meter

*Note: Product specifications are subject to change without prior notice.*



Figure 9.1: Back view of the energy cost meter, displaying the product label with technical specifications.

## 10. WARRANTY AND SUPPORT

### Warranty:

The SCHWAIGER SOEM0100 Energy Cost Meter comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and material faults under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or natural disasters.

### Customer Support:

For technical assistance, troubleshooting, or warranty claims, please contact SCHWAIGER customer support. You can find contact information on the official SCHWAIGER website or through your retailer.

Visit the official SCHWAIGER website for more information: [SCHWAIGER Official Website](#)

