

Cornat TECB3394

Cornat TECB3394 Smartly Digital Consumption Meter User Manual

Model: TECB3394 | Brand: Cornat

1. INTRODUCTION

The Cornat TECB3394 Smartly Digital Consumption Meter is designed to provide real-time feedback on water consumption and temperature during showering or bathing. This device helps users monitor and manage their water usage, promoting water conservation without compromising comfort. It features a digital display for temperature and flow rate, along with an LED color-change indicator for consumption levels. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your consumption meter.

2. PRODUCT FEATURES

- **Smart Shower Experience:** Integrates seamlessly into your shower setup, offering direct feedback on water savings.
- **Easy to Use:** No batteries required; the digital display illuminates automatically with water pressure.
- **Economical Usage:** Flexible water-saving counter that raises awareness of water consumption reduction while maintaining comfort.
- **Real-time Digital Display:** Shows current water temperature in °Celsius and flow rate in liters per minute (l/min).
- **Total Consumption Display:** Digital display of total water consumed in liters.
- **LED Color Indicator:** Provides quick visual feedback on consumption levels:
 - Green light: Consumption up to approximately 40 liters.
 - Orange light: Consumption from approximately 40 liters to 59 liters.
 - Red light: Consumption of approximately 60 liters and more.
- **Reset Function:** A dedicated button to reset the consumption indicator to zero.
- **Durable Design:** High-quality chrome plating ensures easy cleaning and corrosion resistance.

3. SETUP AND INSTALLATION

The Cornat TECB3394 is designed for simple, tool-free installation between your shower hose and shower head. Ensure the water supply is turned off before beginning installation.

1. Turn off the main water supply to your shower or bathtub.
2. Unscrew your existing shower hose from the shower head.
3. Attach the Cornat TECB3394 consumption meter to the shower hose. The connection thread is 1/2 inch, compatible with standard shower hoses and heads. Ensure the included gasket is properly seated to prevent leaks.
4. Screw your shower head onto the other end of the consumption meter.
5. Hand-tighten all connections. Do not overtighten.
6. Turn on the water supply and check for any leaks. If leaks occur, gently tighten the connections further.



Image: The Cornat TECB3394 meter installed in a shower setup.

Important Note: A minimum water pressure of 1.5 bar is required for the display to function correctly, as it is hydroelectrically powered.

4. OPERATING INSTRUCTIONS

The Cornat TECB3394 operates automatically once water flows through it. No manual activation is needed.

- **Automatic Activation:** The digital display will light up automatically when water flows through the device.
- **Temperature Display:** The top number on the display shows the current water temperature in degrees Celsius (°C).
- **Flow Rate Display:** The middle number indicates the current water flow rate in liters per minute (l/min).
- **Total Consumption Display:** The bottom number shows the cumulative water consumption for the current shower session in liters (L).
- **LED Color Indicator:** The display's backlight changes color to provide a quick visual cue for water consumption:
 - **Green:** Indicates consumption up to approximately 40 liters.
 - **Orange:** Indicates consumption between approximately 40 liters and 59 liters.
 - **Red:** Indicates consumption of approximately 60 liters or more.
- **Resetting Consumption:** To reset the total consumption (L) for a new session, press the "Reset" button located on the device. This will set the consumption counter back to zero.

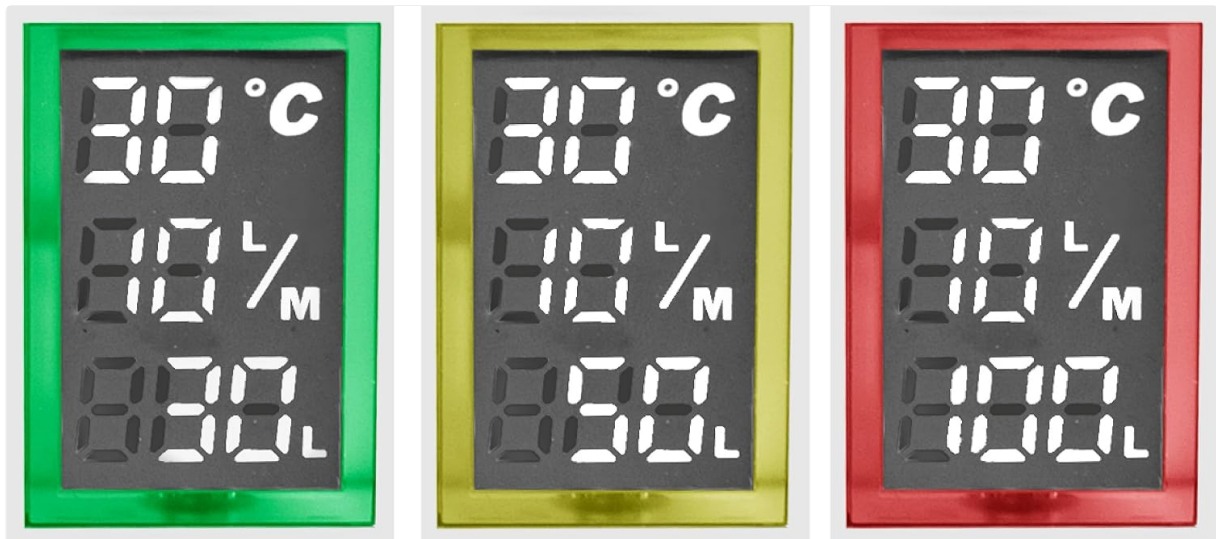


Image: Digital display with color-coded consumption indicators.

5. MAINTENANCE

The Cornat TECB3394 is designed for low maintenance. Regular cleaning will help maintain its appearance and functionality.

- **Cleaning:** Wipe the chrome surface and digital display with a soft, damp cloth. Avoid abrasive cleaners, solvents, or harsh chemicals, as these can damage the chrome finish and display.
- **Corrosion Resistance:** The high-quality chrome plating provides excellent corrosion resistance, ensuring durability in bathroom environments.
- **Gasket Check:** Periodically check the gaskets at the connection points for wear and tear. Replace if necessary to prevent leaks.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Display does not light up.	Insufficient water pressure.	Ensure water pressure is at least 1.5 bar. Check if the main water supply is fully open.
Inaccurate temperature reading.	Sensor malfunction or air in the system.	Allow water to run for a short period to stabilize. If the issue persists, contact customer support.
Inaccurate water consumption/flow rate.	Sensor obstruction or low flow.	Ensure there are no blockages. The meter may not register very low flow rates accurately.
Water leakage at connections.	Loose connections or worn gaskets.	Turn off water supply, gently tighten connections. Check and replace gaskets if damaged.
Reduced water flow.	Installation obstruction or internal resistance.	Ensure the meter is installed correctly and not obstructing the flow. Some minimal flow reduction may occur due to the device's presence.

7. SPECIFICATIONS

- **Model Number:** TECB3394
- **Brand:** Cornat
- **Material:** Plastic (ABS)
- **Finish:** Chromed / Polished
- **Connection Thread:** 1/2 inch
- **Dimensions (L x W):** Approximately 15 cm x 9 cm
- **Power Source:** Hydroelectric (no batteries required)
- **Minimum Water Pressure:** 1.5 bar
- **Special Features:** Digital display for temperature and flow rate, LED color change indicator for consumption.
- **Country of Origin:** China
- **Included Components:** Consumption meter, gasket.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact your retailer or the manufacturer directly. Keep your proof of purchase for any warranty claims.

Manufacturer: Conmetall Meister GmbH