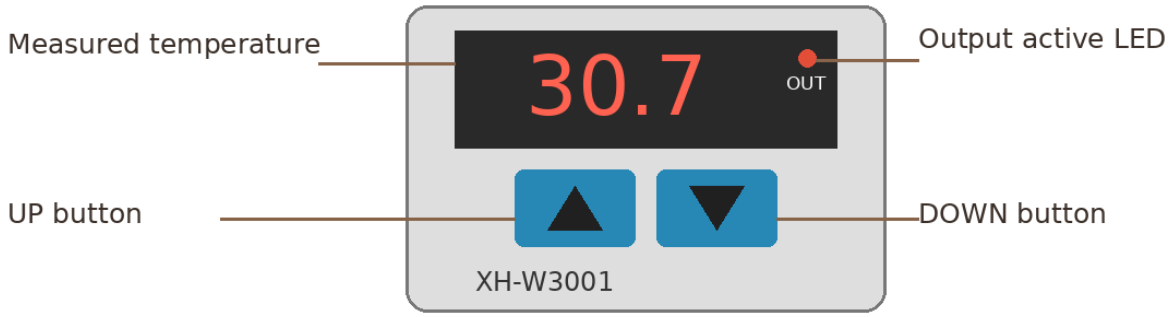
W3001 thermostat – user guide

Heating mode • XH-W3001 / W3001 variants



Operation

The thermostat switches heating according to the probe temperature. It switches on at the lower threshold and off at the upper threshold. In heating mode, the start temperature must always be lower than the stop temperature. During normal operation, when the OUT LED is lit, the heater is heating. When it is off, heating is switched off.

Start temperature

1. Press UP once. If the value flashes, skip to step 3.
2. Hold UP for about 3 seconds until the value flashes.
3. Use UP/DOWN to adjust the value.
4. Wait until flashing stops and the measured temperature returns.

Stop temperature

1. Press DOWN once. If the value flashes, skip to step 3.
2. Hold DOWN for about 3 seconds until the value flashes.
3. Use UP/DOWN to adjust the value.
4. Wait until flashing stops and the measured temperature returns.

Checks and safety

Settings are normally retained after power loss. Check both thresholds and switching on first use and after power loss. Controls may vary by version.

Thermal inertia can cause temperature to rise after switch-off. The display shows the probe temperature, not the temperature of the entire heated surface.

The thermostat does not replace independent overtemperature protection. Disconnect power if operation is abnormal or wiring or probe is damaged. Mains wiring must be performed by a qualified person.