

LAKEWOOD INSTRUMENTS

MODEL 1575e

WATER TREATMENT CONTROLLER



The Model 1575e uses the latest in microprocessor capability, giving the user a high level of application flexibility. A large illuminated graphics screen, multiple inputs, and very easy setup characterize this new technology. The Model 1575e is ETL approved.

PART NUMBER 1229242 SHOWN

Cooling Tower Water Treatment Controller, Including Flow Switch Plumbing And Conductivity Sensor On A Mounting Plate


FEATURES

- Removable power cord and receptacles for simple conduit installations.
- Scheduled feed, which can use three relays for biocides or other chemicals.
- Two (2) water meter inputs, two (2) drum switch inputs, conductivity input, a flow switch input, a 4-20 mA output, and a 4-20 mA input are all standard features.
- The 4-20 mA input can be used with a transmitter for one of the following: remote conductivity, makeup conductivity, pH, ORP, percent, pressure, milliamps, flow rates, or traced chemistry control. This transmitter can be added in the field.
- Designed with a single circuit board for better reliability and lower cost.
- Large open shallow enclosure for easy wiring.
- Ball valve delay feature allows accurate control of motorized ball valves.
- Heavy-duty stainless steel domed numeric keypad and illuminated graphical display allow for quick and easy programming. Steel domed switches improve the tactile sensing and life expectancy of the keypad.
- LED indicators for power, alarm and relay status.

BENEFITS

- Easy to program with the Lakewood plain English, intuitive, and user friendly menu interface.
- Controller can be used in boiler, cooling tower, or condensate applications when used with the appropriate conductivity sensor.
- Single circuit board design improves reliability.
- No add-on options. 4-20 mA output and feed schedule clock features are standard.

SPECIFICATIONS

<p>Conductivity range 50-10,000 μS</p> <p>Conductivity sensor 2 electrode</p> <p>Conductivity Resolution $\pm 10 \mu$S (conductivity <5000 μS) $\pm 100 \mu$S (conductivity > 5000 μS)</p> <p>Temperature comp. 500NTC, NONE</p> <p>Accuracy & repeatability $\pm 1.0\%$</p> <p>Deadband/Setpoint Programmable</p> <p>Auto/Manual outputs Menu selectable</p> <p>Keypad 16 tactile push-buttons</p> <p>Display illuminated 128x64 pixel LCD</p> <p>Drum Switch Inputs 2 digital contact inputs</p> <p>Water meter inputs (2) Contact head, paddle wheel, or turbine</p> <p>Timers Max. blowdown time exceeded and relay run time exceeded</p> <p>Output Signal One 4 – 20 mA, isolated or non-isolated optionally powered output for conductivity</p>	<p>Input Signal One 4-20 mA, non- isolated internally powered input for conductivity</p> <p>Output relays 4, 3 selectable use, 1 blowdown</p> <p>Relay ratings 3A each, 10A total</p> <p>Power 120/240 VAC 50/60 Hz</p> <p>Ambient 32° - 120°F (0 - 49°C)</p> <p>Enclosure NEMA 4X, ETL</p>	
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Sensors/Plumbing	Cooling Tower
Max Pressure	140 psi (9.65 bar) @ 100 °F
Max Temp	140°F (60°C)
Min flow	1 gpm (3.785 Lpm)

ORDERING OPTIONS

Controller Options

- 1229239** Model 1575e Conductivity Controller Only. (No Sensor or Plumbing).
- 1229240** Model 1575e Cooling Tower Water Treatment Conductivity Controller, Including Conductivity Sensor and Sensor Tee.
- 1229241** Model 1575e Cooling Tower Water Treatment Conductivity Controller, Including Conductivity Sensor and Left Exit Flowswitch Plumbing Assembly.
- 1230563** Model 1575e Cooling Tower Water Treatment Conductivity Controller, Including Conductivity Sensor and Flowswitch Plumbing Assembly.
- 1229242** Model 1575e Cooling Tower Water Treatment Conductivity Controller, Including Conductivity Sensor and Left Exit Flowswitch Plumbing Assembly on a Mounting Plate (12 X 21 in.).
- 1269417** Model 1575e Cooling Tower Water Treatment Conductivity Controller, Including Conductivity Sensor and Right Exit Flowswitch Plumbing Assembly on a Mounting Plate (12 X 21 in.).

Cooling Tower Options



1107003 Cooling Tower Flow Switch Plumbing



1167214 Cooling Tower Plumbing Tee



1167158 Cooling Tower sensor With 20 ft cable



PART # 1269417 with Right Exit Plumbing Assembly

