

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 UL/CSA/CE approved.

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, flow switch input, 4-20 mA output, and remote conductivity input via 4-20 mA are all standard features.
- 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, the Model 1575e Controller menu is just like the Lakewood 2000 Series controllers.
- 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

Conductivity range	10-100 μ S	Timers	Max. blowdown time exceeded and relay run time exceeded
Conductivity sensor	2 electrode	Output Signal	One 4 – 20 mA, isolated or non-isolated optionally powered output for conductivity
Conductivity Resolution	\pm 10 μ S (conductivity <5000 μ S) \pm 100 μ S (conductivity > 5000 μ S)	Input Signal	One 4-20 mA, non-isolated internally powered input for conductivity
Temperature comp.	Automatic	Output relays	4, 3 selectable use, 1 blowdown
Accuracy & repeatability	\pm 1.0%	Relay ratings	3A each, 10A total
Deadband/Setpoint	Programmable	Power	120/240 VAC 50/60 Hz
Auto/Manual outputs	Menu selectable	Ambient	32° - 120°F (0 - 49°C)
Keypad	16 tactile push-buttons	Enclosure	NEMA 4X
Display	illuminated 128x64 pixel LCD		
Drum Switch Inputs	2 digital contact inputs		
Water meter inputs (2)	Contact head, paddle wheel or turbine		

Sensors/Plumbing	Condensate
Max Pressure	70 psi (4.8 bar)
Max Temp	392°F (200°C)
Min flow	1 gpm (3.785 Lpm)

ORDERING OPTIONS

PART NO.	DESCRIPTION
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1229239	1575e Controller Only, No Sensor
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PART NO.	CONDENSATE SENSORS
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1104591	Condensate Sensor With ¾ Inch NPT Inline Fitting. 0-100µs
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1168617	Condensate Sensor With 1.0 Inch NPT Retractable Inline Fitting. 0-100µs
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1104592	Condensate Sensor With ¾ Inch NPT Inline Fitting. 0-10µs
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1169642	Condensate Sensor With 1.0 Inch NPT Retractable Inline Fitting. 0-10µs
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Note: The model 1575e reads in whole numbers only.

PART NO.	CONDENSATE SENSOR REPLACEMENT TIPS
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1169054	540K.1-TC500 0-100µS
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1169055	540K.01-TC500 0-10µS
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Condensate Sensor Options



540K.1-4-TC500



-10I



-10R



540K.01-TC500