



**Electro-Tech System's easy to use humidity and temperature controllers put you in command of the weather.** All controllers deliver industry leading condition measurement and precision control. Crisp LED displays indicate conditions and status of systems. Achieving set point control is as easy as inputting your desired values, connecting the relevant systems, and flipping the power switch. Optional real time plotting and condition recording available with additional software package. Controllers can be configured to drive dual, single variables processes depending on your needs.

### Applications

- Heating
- Cooling
- Humidifying
- Dehumidifying
- Ramping/Soaking
- Variable monitoring

### Key Features


- Easy installation and set-up process
- Temperature Accuracy:  $\pm 0.9^{\circ}\text{F}$  ( $0.5^{\circ}\text{C}$ )
- Humidity Accuracy:  $\pm 2\%$  RH
- CalControl software allows for digital monitoring and recording of data
- NEMA outlets located on rear for plug-and-go system integration
- Control any linear process
- Complimentary ETS systems integrate with controllers to maintain steady environment
- Available in single or dual control packages

Electro-Tech System's environmental controllers integrate best with compatible ETS chambers and control solutions, for more information on a complete system please contact ETS.

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Questions? Here's how to contact our experts

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 (215) 887-2196

 sales@ets2.com

 www.electrotechsystems.com



electro-tech systems, inc.

## Temperature/Humidity Controllers: 5000 series

### Specification

#### **Mechanical**

Chassis Dimensions:

7.25"W x 9.0"D x 2.5"H (185x229x70mm)

Weight:

3.5lb (7.7kg)

Housing:

polycarbonate / IP65

Sensor protection: metal grid filter

#### **Electrical**

Power In

90-240 VAC, 50/60Hz, 1,000 VZ max

Power Out

Standard: 4A

For Heater: 8A

Solenoids: 2A

Accuracy:  $\pm 0.1\%$

Sampling frequency:

Input – 10Hz CJC – 2 sec

COMM Port:

For Single unit link, RS-232

For Multiple unit link, RS-485

\*Sales will compile the appropriate cable for your application

Sensor input: 0-5V

Output Range: -40°C to 80°C

Electromagnetic compatibility: EN61326-1 EN61326-2-3

**Warranty:** One (1) Year Parts & Labor

**To ensure consistent and valid results annual calibration is required**

**Contact: [service@ets2.com](mailto:service@ets2.com) for assistance**



*Specifications subject to change without notice*

