

PS 501

Control System Conversion

Convert your machines to digital control.

The Jamesway PS501 Control System measures critical incubation inputs, activates heaters, humidification systems and the damper, maintaining the incubator or hatcher at optimum temperature and humidity levels.



Monitor and maintain a constant environment in your multi-stage incubator or hatcher.

Our new conversion kit can complete this transformation in a few hours for only \$2020.

High hatchability and healthy birds

Precise monitoring of the environment within an incubator or hatcher leads to optimizing the conditions for hatchability and the development of healthy birds. This translates into greater profit.

Outstanding reliability

The robust keypad overlay uses Kapton copper-based circuitry, specifically designed to withstand harsh environments, ensuring optimal reliability of the PS501 Control System.

Simple to use

High contrast digital LED temperature readouts and status indicators quickly inform you of all critical machine functions. A 16-button numeric keypad allows you to adjust set points and calibrations easily and quickly.

Easy to maintain

All control parts are mounted in the incubator or hatcher hallway.

The IP55 rated stainless steel enclosure, is dust tight with protection against low pressure water jets and houses all control components.

Measures

The PS501 accurately measures critical incubation inputs such as temperature and humidity levels throughout the cycle.

Activates

Based on these measurements, the system automatically activates the incubator or hatcher's heaters, humidification systems and the damper to maintain an optimum environment.

Displays

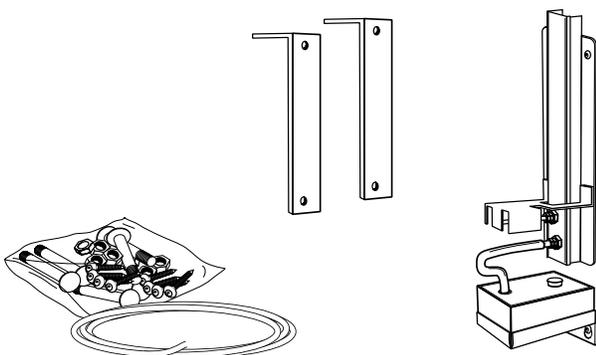
The PS501 displays temperature and humidity set points, actual readings, statuses and alarms. Temperature readings can be easily switched between degrees Fahrenheit and degrees Celsius.

Alarms

Alarms are provided for high/low temperatures, high/low humidity, dry wick, fan failure, door open, and rack turn failure. Active alarms are identified by a flashing red light. In addition, alarms can be programmed to be silent or audible. The Alarm Acknowledge Delay is programmable between 1 and 99 minutes.

Networks

Via an optional kit, the PS501 Control System can be networked to the computer on which the Jamesway Hatchcom 4 software is installed. This enables the collection of temperature, alarm and status information, as well as remote set point operation.



Temperature probes (dry bulb and wet bulb), mounting accessories and water reservoir are included with the system.



Large, high-contrast LED displays enable current conditions in the incubator or hatcher to be seen clearly at-a-glance.

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