

Pilot System

Creating the best environment for every egg pack

Controlling the incubation temperature, all the time, every time.

The temperature inside the egg is essential for the development of the embryo. If the temperature inside the incubator could be adjusted based on the actual egg temperature, this would greatly enhance both hatchability and chick quality. And that's precisely what Jamesway's Pilot System does. Measuring the eggshell temperature is the closest thing to the actual embryo temperature.



Jamesway's Pilot System is a sensor system that accurately and consistently monitors the temperature of eggs in an incubator. Pilot allows the incubator to adjust the air temperature ensuring an eggshell temperature setpoint is maintained, keeping the embryo at the optimal temperature for growth and development.

Advantages

- **High Hatch Rate:** The Pilot System ensures the best possible incubation temperature for the developing eggs, all the time.
- **Effortless:** The incubator's heating and cooling is automatically adjusted based on eggshell temperatures.
- **Always In Control:** The user-friendly control panel keeps you up-to-date on the actual egg temperature inside your incubator.

Pilot

IMPLEMENTATION

Pilot Systems are locked in position in the egg pack at three levels and are connected to the incubator controller.

MEASUREMENT

The four sensors of each Pilot System measure and report the temperature of the adjacent eggs. The sensors are designed and tuned in such a way that measurements referring to infertile or early dead eggs are excluded.

CALCULATION

The system automatically averages the readings per Pilot System and across Pilot systems.

TEMPERATURE ADJUSTMENT

Every 15 minutes, the incubator control system uses the eggshell temperature averages to automatically adjust the temperature inside the incubator.

DISPLAY

The average egg temperature is displayed on the incubator's control panel.

