



PETERSIME
INCUBATORS & HATCHERIES

X-Streamer™ 4H HD

High-Density single-stage hatcher
engineered for higher capacity



Features & benefits

- ▶ Increased capacity of 21,504 chicken eggs
- ▶ Increased capacity of 16,128 duck eggs
- ▶ Incubation X-knowledge module™ enables full control over every step in the hatchery operation
 - ▶ Automatically suggests the right incubation profile
 - ▶ Predefines the exact position of a trolley
 - ▶ Every trolley can be tracked and traced inside the hatchery
- ▶ Petersime's patented Embryo-Response Incubation™ technology providing the highest chick output and automatic environment control:
 - ▶ CO₂NTROL™ for optimum CO₂ levels
 - ▶ Synchro-Hatch™ for the shortest hatch window
- ▶ Intuitive user interface for ease of use
- ▶ Eye-Blink™ for instantaneous overview of incubator status
- ▶ Eco-Drive™ technology for lowest energy costs
- ▶ Sealed cabinet for highest bio-security
- ▶ Maintenance friendly
- ▶ Future proof and durable construction

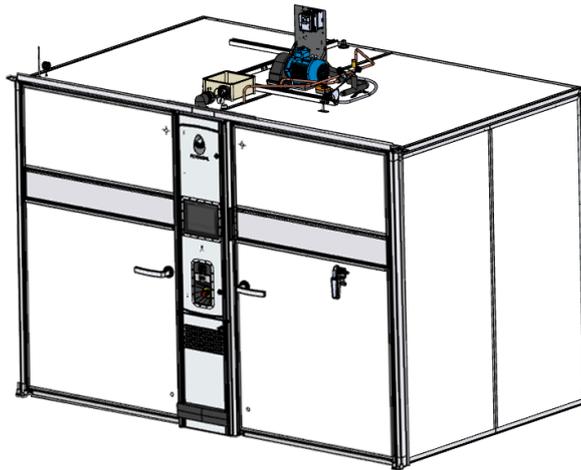
**WHEN[®]
CHICKS
COUNT**

Description

The X-Streamer™ 4H HD (High Density - XSTR-4H HD) is a member of Petersime's series of single-stage incubators and is available for chicken and duck eggs. The XSTR- 4H HD has an extra capacity of 12% chicken eggs and 14.3% duck eggs compared to the standard XSTR-4H. To cope with this extra egg load, it is equipped with increased heating, cooling and ventilation capacities. The XSTR-4H HD has a sealed cabinet for optimum control over the embryo's environment and features a powerful controller with a large 12 inch touchscreen display.

The powerful software automatically provides accurate programming information for each specific batch of eggs. The central air mixing system with CO₂NTROL™ technology provides a uniform air flow and ventilation in the whole hatcher. Energy efficiency is embedded in the concept and optimized by the use of Eco-Drive™ technology. The XSTR-4H HD uses the patented Embryo-Response Incubation™ technology providing the highest chick output and uniform chicks in an automated way.

Specifications



Capacity		Options	
Chickens:	21,504 eggs loaded on 4 trolleys	▶ Synchro-Hatch™	
Ducks:	16,128 eggs loaded on 4 trolleys	▶ Calibration probe	
Dimensions		▶ Automatic Disinfection System	
Width	3,369 mm	▶ Network control via Eagle Trax™ protocol	
	3,414 mm (including side panel for start of row)	Interfacing	
Height	2,303 mm (roof surface)	Ambient air inlet	avg. 300 m ³ /hour
	2,747 mm (highest point)	Ambient air outlet	
Depth	2,121 mm	Compressed air inlet	6 - 8 BAR
	2,206 mm (including door handle)	Cooling water inlet	avg. 135 l/hour, 6°C - 20°C
Ambient room conditions		Cooling water outlet	
24°C (40%RH-63%RH) - 26°C (35%RH-55%RH)		Humidifier inlet	3 - 4 BAR
Control		Electrical supply	3 x 400 V + N + E, Installed power: 3.2 kW
▶ Front user interface with 12 inch touchscreen display		Alarm	
▶ Proximity detection functionality (Eye-Blink™)		Network	Eagle Trax™
Standard functionalities			
▶ Incubation X-knowledge module™			
▶ CO ₂ NTROL™			
▶ Eye-Blink™			