



Pas Reform SmartCenterPro™

Hatchery Information System

A dynamic, web-based information system that gathers real-time data at every level of operations for fully comprehensive hatchery analysis and reporting



Pas Reform
Hatchery Technologies



SmartCenterPro™

Incubation, automation and climate control in one network

Benefits

SmartCenterPro™ is a hatchery information system created to deliver precise, consistent process control, analysis and reporting for every level of hatchery operations. Incubation, climate control and hatchery automation systems can be fully optimised, seamlessly connected and data enabled. Every egg-to-chick journey and hatchery process, from the receipt of hatching eggs to sending the day old chicks to the farm, culminates in a unique cycle report, containing batch specific information on traceability, chick uniformity and hatcher climate, hatchery climate and alarms.



How it works

Three main program tiers provide rapid access to SmartCenterPro™'s complete information system:

Hatchery Overview:

- Continuously monitors incubators, hatchery automation and climate control systems
- Fine-tunes settings for optimum incubation conditions at all times

Hatchery Management:

- Manages key functions, from track & trace, alarm management and maintenance to breed specific incubation programming

Hatchery Analysis:

- Charts every process and event in day to day operations
- Produces real time management reports, with detailed, batch specific information for every hatch cycle

Related products

- ▶ SmartTouch™ user interface
- ▶ SmartSetPro™
- ▶ SmartHatchPro™
- ▶ SmartCount™
- ▶ Air Handling Unit
- ▶ Chiller

Technical Specifications

Housing > 19 inch rack (wall mount)

Measurements > 600 x 600 x 600

Connections > 1x LAN
> 1x LAN
> 4x RS422
> 1x Output
> 6x Inputs
> 2x modem

Requirements > Internet
> Power
> Cables

Security > Phone Line
> User name + password, Secure SSL internet connection
> Only accessible via computer with installed SSL certificate
> IP filter which can grant/deny access to SmartCenterPro™ web pages

For office network and/or internet
For a maximum of 250 SmartDrive™ user interfaces
For a maximum of 4 x 32 Navigator or HOM user interfaces
Potential free alarm contact (NC), for external buzzer, horn, etc
6 auxiliary inputs for free use (NC), for connection with HAS/HVAC
Voice alarm message / backup alarm modem (modalarm)
Fixed internet IP (ADSL or cable), ports 2020 /2022
230 Volt, 50/60 Hz + ground
To Navigator or HOM: 3 x 2 x 0.34 mm² shielded
To SmartPro™ or SmartDrive™; cat.5 Ethernet cable
To Backup alarm: 2 x 1 mm²
Analog phone line for voice alarm message system

Type	Alarm box function	Voice alarm dialing	Maintenance module	Track & trace module*	SmartCount™ connection	Chiller connection	Air handling unit connection
Basic	No	No	No	No	Yes	No	No
Alarm	Yes	Yes	No	No	Yes	No	No
Complete	Yes	Yes	Yes	Yes	Yes + data	Yes	Yes

* Only in combination with SmartTouch™ user interface



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