Buffer Recognition	Yes
Certifications	RoHS, IP-65, NEMA 4X, ULC, Made in USA, CUL, CE, ETL
Connectivity / Communications	RS485 and RS232 standard, Ethernet and wireless optional
Data Management	AquaManager™ Software integrates process control, alarming, and data management into one product
Desktop Software Compatible	Windows 2000/XP/Vista/Windows 7 operating systems, AquaManager®
Display	Back-lit graphic LCD (320 x 240) with timer, extended temperature range LCD
Equipment used with	30, 40, 10, 20-, 20, 626250-1, 4-, 50-, 60 or 100 1-, 30-, 4, 10-, 50, 40-, 60- or 100-meter cable with optical DO probe/Temp 626320 Sensor Cap (included with initial cable/probe purchase) 5402 Serial to Ethernet Module 5285 RS232 Opto isolator 6505 W
GLP Compliance	Yes
Logging Capabilities	Yes
Measurement Method / Channels	1-4 DO probe inputs depending on model 4 user-configurable inputs for temp or (digital 0 to 1.0 VDC, pH, ORP, 0 to 5.0 V, photo period, etc. (transmitter may be required) 2 user-configurable inputs (digital 0

to 1.0 VDC, TGP, 0 to 5.0 VDC or 4-20 mA) DO

Memory	Non-volatile, 2000 data, 1250 relay/alarm, 1000 entries/change and 500 GLP records
Monitoring	Yes
Operating Temperature	-15 to +70°C (5 to 158°F), direct outside conditions with NEMA 4X enclosure
Parameters Measured	Dissolved Oxygen % Saturation, Dissolved Oxygen mg/L, Temperature (optional)
Power	100-240 VAC, automatically switches to 12 VDC back-up with alarm if primary voltage drops
User Calibratable	Yes
User Replaceable	Yes
Warranty	2-years instrument; 1-year probes and cable
Waterproof	Yes

Specification

Timers	4 timers - 10 events cascading events start/duration 4 feed timers (feeders not included); Feed Smart software manages feed

Specification	
	delivery, user-selectable inputs for number of daily feedings, daily feed weights, total biomass, FCRS and parameter control
Inputs	1-4 DO probe inputs depending on model 4 user-configurable inputs for temp or (digital 0 to 1.0 VDC, 0 to 5.0 VDC or 4-20 mA) DO, pH, TGP, ORP, photo period, etc. (transmitter may be required) 2 user-configurable inputs (digital 0 to 1.0 VDC, 0 to 5.0 VDC or 4-20 mA) DO, pH, TGP, ORP, photo period, etc. (transmitter may be required)
Output Relays	8 each 10 amp 115 VAC (5 amp 230 VAC) relays for parameter, control and/or alarm E-mail and/or SMS alarming up to 3 e-mails with Ethernet module or up to 10 e-mails with AquaManager
Field Upgradeable Software	Yes; flash based
Height	6.5 in, 16.5 cm
Length	8.5 in, 21.6 cm
Depth	4.75 in, 12.1 cm
Optical Sensor - Diameter	0.95 in, 2.4 cm
Optical Sensor - Length	7.5 in, 19 cm

Parameter (units)	Range	Accuracy	Resolution
Dissolved Oxygen* (% saturation)	0 to 500%	0 to 200%: ±1% of reading or ±1% air sat, whichever is greater; 200 to 500%: ±10% of reading	0.1% air saturation
Dissolved Oxygen* (mg/L)	0 to 50 mg/L	0 to 20 mg/L: ± 0.1 mg/L or ±1% of reading, whichever is greater; 20 to 50 mg/L: ±10% of reading	0.01 mg/L or 0.1 mg/L (auto-scaling)
Temperature (°C, °F)	0 to +45°C (32 to 113°F)	±0.2°C	0.1°C

*Optical dissolved oxygen sensor.

Specifications indicate typical performance and are subject to change.