Buffer Recognition	Yes
Certifications	IP-65, CUL, CE, ETL, NEMA 4X, RoHS, ULC, Made in USA
Connectivity / Communications	RS-485 and RS-232 standard, Ethernet and wireless optional. Output Relays: 4 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 AquaMana
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	10, or 30, 5561-4, 5562-4, AquaManager Desktop Software, or 20, 20
GLP Compliance	Yes
Logging Capabilities	Yes
Measurement Method / Channels	DO, pH, ORP, conductivity, temperature, 2 user-configurable inputs, digital (0 to 1.0 VDC, 0 to 5.0 VDC or 4-20 mA) Timers: 4 timers - 10 events cascading events start/duration 1 feed timer channel (feeder not

included), Feed Smart software manages feed

Memory	Non-volatile, 1000 data, 1250 relay/alarm, 1000 entries/change and 500 GLP records
Monitoring	Yes
Multiparameter	Yes
Operating Temperature	direct outside conditions with NEMA 4X enclosure, -15 to +70°C (5 to 158°F)
Parameters Measured	Dissolved Oxygen (electrochemical), pH,ORP/Redox, Conductivity, Specific Conductance, Salinity, Total Dissolved Solids (TDS), Temperature
Power	mobile live haul or anytime AC power not available, 12 V DC
User Calibratable	Yes
User Replaceable	Yes
Warranty	2-years instrument; 1-year probes and cable
Waterproof	Yes

Specification

Specification	
Timers	4 timers - 10 events cascading events start/duration 1 feed timer channel (feeder not included); Feed Smart software manages feed delivery, user-selectable inputs for number of daily feedings, daily feed weights, total biomass, FCRS and parameter control
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

Parameter (units)	Range	Accuracy	Resolution
Dissolved Oxygen* (% saturation)	0 to 500%	0 to 200%: ±2% or ±0.2 mg/L, whichever is greater; 200 to 500%: ±6% of reading	0.1% air saturation
Dissolved Oxygen* (mg/L, ppm)	0 to 60 mg/L	0 to 20 mg/L: ± 0.2 mg/L or ±2% of reading, whichever is greater; 20 to 60 mg/L: ±6% of reading	0 to 10 mg/L: 0.01 mg/L 10 – 60 mg/L: 0.1 mg/L
Temperature	0 to +45°C (32 to	±0.2°C	0.1°C

Parameter (units)	Range	Accuracy	Resolution
(°C, °F)	113°F)		
Conductivity (µS, mS)	0 to 200 µS; 0 to 2000 µS 0 to 20 mS; 0 to 200 mS	0 to 100 mS: ±0.5% of range 100 to 200 mS: ±1.0% of reading	0.1 µS 1 µS 0.01 mS 0.1 mS (range dependent)
Salinity (ppt)	0 to 80 ppt (0 to 50 ppt when entered manually)	±2% or ±0.1 ppt, whichever is greater	0.1 ppt
pH (pH units)	0 to 14 units	±0.2 units	0.01 units
ORP (mV)	-2000 to +2000 mV	±20 mV	1 mV

*Polarographic dissolved oxygen sensor

Specifications indicate typical performance and are subject to change.