

Pond Master

Instrument for aquaculture facilities

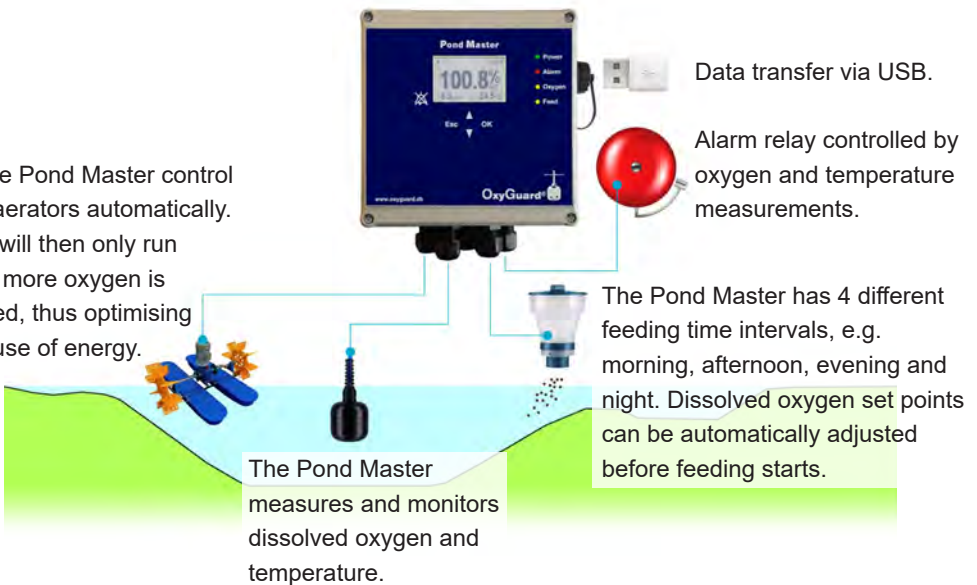


POND MASTER

Pond Master is specifically designed for monitoring and control of oxygen levels in aquaculture facilities such as shrimp farms, carp farms, and other installations with individual ponds.

This unique instrument incorporates advanced technology with an attractive, compact design resulting in a combination of user-friendly operation, accuracy, low maintenance needs and affordability.

Let the Pond Master control your aerators automatically. They will then only run when more oxygen is needed, thus optimising your use of energy.



SPECIFICATIONER

Dimensions: Diameter = 58 mm, length = 59 mm.

Cable length = 7 m (standard)

Weight: 450 g incl. cable.

Principle: Galvanic cell, self polarising, self temperature-compensating

Output: 2.5 to 5 millivolts per mg/l. Output impedance approx. 1 kiloOhm

Operating Conditions: 0 to 40°C, 0-2 bar. Other on request.

INSTRUMENT

Housing Dimensions: Plastic enclosure, IP 65,
height x width x depth 120 x 120 x 58 mm.

Supply: 230 VAC or 110 VAC dependent on type

Fuse: 160 mA 230V or 315 mA 110V dependent on type

Output: 3 potential free changeover relay outputs.

Contact rating 12 A 250 VAC, max 250 VA

Display: 3½ digit LCD.

Operating temperature: -20 to +60°C

Please note that the relay outputs are not designed to switch power devices so auxiliary relays should be used if the Pond Master is used to control large motors or similar. Please note that for long relay life transient suppressors should be used across inductive loads.

OxyGuard – Built on Solid Solutions

OxyGuard was founded in 1987 with one primary objective - to create equipment that would provide users with exactly the equipment they needed. The first oxygen probe leaving the OxyGuard facility introduced a new standard in aquaculture. The probe was reliable, accurate, hard-wearing, easy-to-use, and had an extensive longevity compared to all other equipment on the market. But equally important, it was affordable for even the small fish farmers! The meter completely overtook the market and soon we had the leading position on the world market.

Since then, the aquaculture sector has grown from small manually handled fish farms to a worldwide industry. We have continued to deliver state-of-the-art equipment that meets the new and changing needs in the sector. Whether you need a handheld meter or a total process and control system, OxyGuard can provide it.

Technology often drives the development of a market. Therefore, we strive to foresee the future and we are constantly working on creating new, better and ground breaking inventions for aquaculture in order to provide our customers with stability and competitiveness needed on the future market.

With a team of some of the world's best engineers, a creative work environment and an uncompromising vision to always deliver the best we can to our customers, we take the lead and apply the technology and expertise needed for our customers to gain ground on the food production market of tomorrow.



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