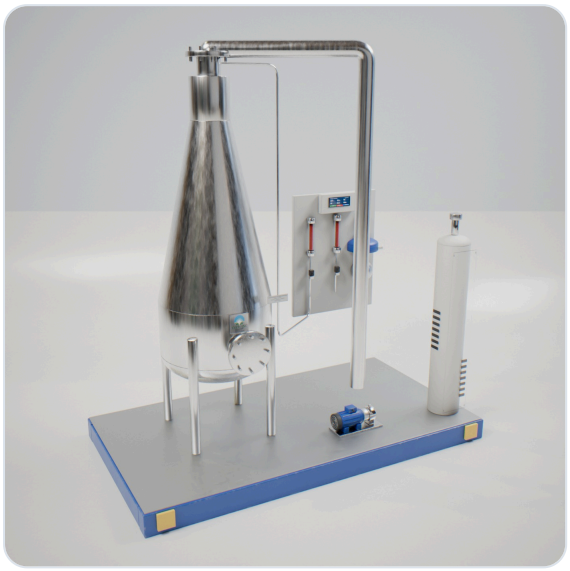
PRODUCT DATASHEET

Super-Duplex Aquaculture Oxygenation Skid

Oxygen cones and gas control in super duplex for seawater farms

Product page





Close-up: oxygen cone

OVERVIEW

The Tech Inc. Super-Duplex Aquaculture Oxygenation Skid dissolves pure oxygen into the water of recirculating fish farms and hatcheries. Oxygen cones or low-head oxygenators built in super duplex resist seawater, and a gas panel with dissolved-oxygen control feeds oxygen from a PSA generator or liquid oxygen.

TYPICAL DESIGN DATA

Wetted material	Super duplex 2507 for seawater; 316L for fresh water
Oxygen source	PSA generator or liquid oxygen
Control	Dissolved-oxygen control per tank or system
Codes and standards	Oxygen-clean gas parts; electrics to IEC for wet areas
Pressure	Cones to about 3 barg
Cleaning	Oxygen-clean gas parts
Alarms	Low oxygen and supply alarms

MODELS AND CAPACITIES

- **TI-AOX-10** – about 10 kg O_2 per day
- **TI-AOX-50** – about 50 kg per day
- **TI-AOX-150** – about 150 kg per day
- **TI-AOX-400** – about 400 kg per day, multiple cones

Indicative oxygen dissolving capacity.

ORDERING CODE

Example **TI-AOX-50-C-SD**: **50** capacity, kg O_2 per day; **C** type: C cone, L low-head, G gas panel only; **SD** material: SD super duplex, 316 316L.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual.
Options: PSA oxygen generator; additional cones; remote alarms; low-head oxygenator; spare probes.

KEY ADVANTAGES

- **Seawater-proof** – super-duplex contactors
- **Controlled** – dissolved-oxygen loops
- **Efficient** – high oxygen transfer
- **Complete** – from oxygen source to probe

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Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

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