

IndustrialTM Plankton PBR 100L Research Algae Bioreactor



Reliable • Biosecure • Easy • Compact

www.industrialplankton.com

PBR 100L Algae Bioreactor

Five easy steps to reliable, biosecure live algae



Order & Install

Your algae equipment ships directly from our facility. Uncrate and set up in less than 4 hours.

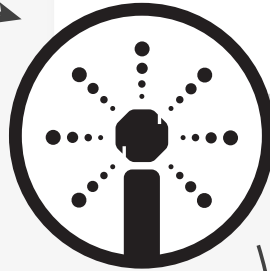
Harvest

The PBR automatically harvests continuously for months, or the entire batch can be harvested at any time.



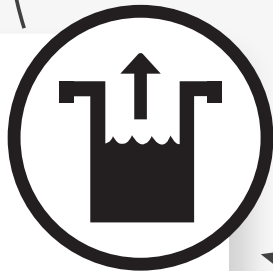
Clean

Run the clean-in-place (CIP) system to clean the reactor before inoculation.



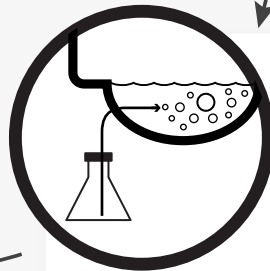
Scale up

Add nutrients and water automatically, while temperature and pH are constantly regulated to optimize growth.

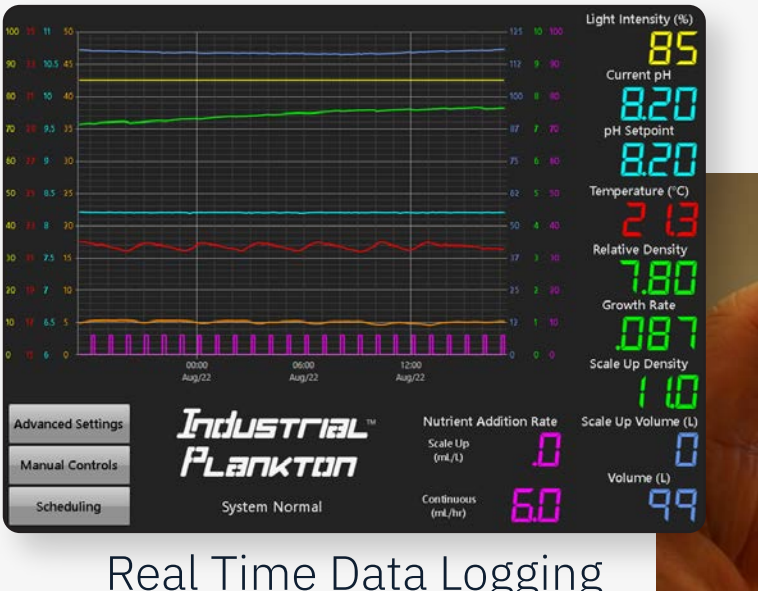


Inoculate

Inoculate with a small volume of clean algae using biosecure disconnects.



IndustrialTM P₂Plankton



Continuous Production

10-50 L harvested/day

By Species (10⁶ cells/mL)

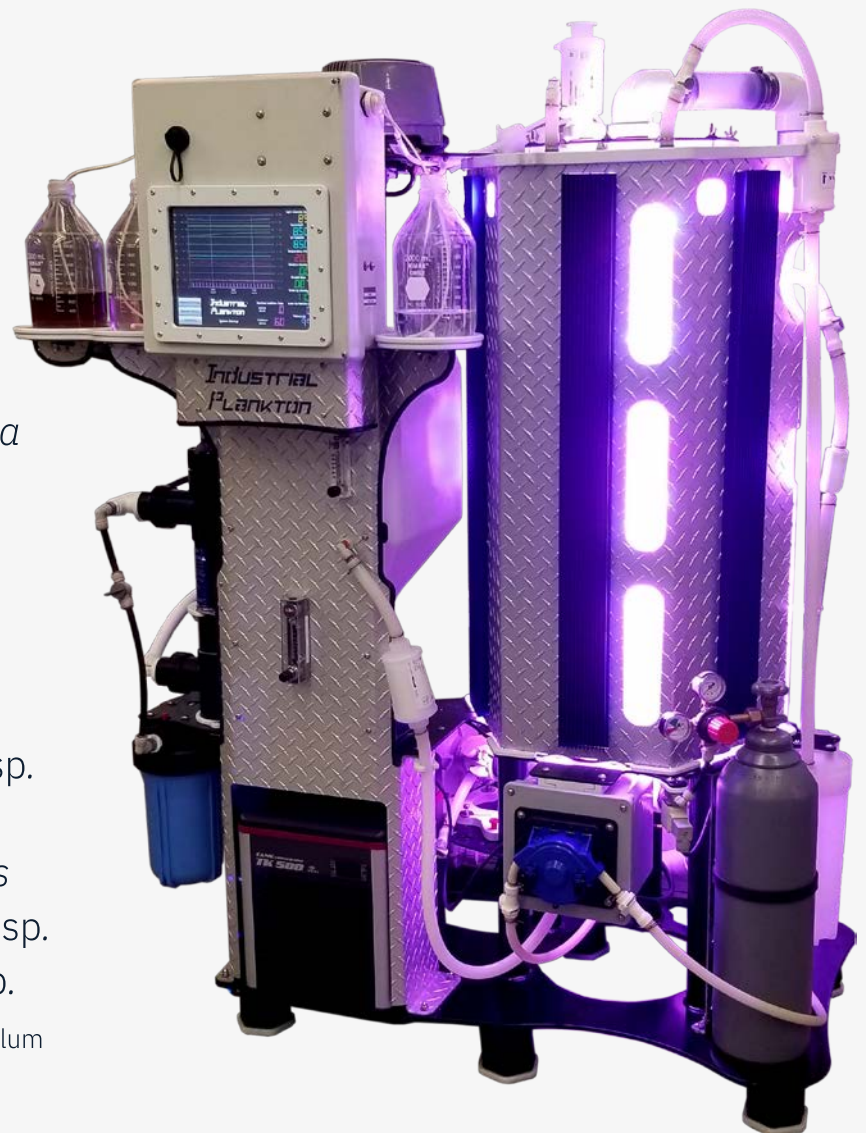
- 24 • *Isochrysis* sp.
- 130 • *Nannochloropsis* sp.
- 4.3 • *Tetraselmis* sp.
- 26 • *Chaetoceros muelleri*
- 29 • *Thalassiosira pseudonana*

Batch densities typically exceed continuous

More algae that thrive

- *Thalassiosira weissflogii* • *Pavlova* sp.
- *Karenia brevis* • *Skeletonema* sp.
- *Chaetoceros gracilis* • *C. calcitrans*
- *Haematococcus pluvialis* • *Spirulina* sp.
- *Chlamydomonas* sp. • *Chlorella* sp.

Production may vary based on quality of strain & inoculum



*Industrial*TM *Plankton*

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Protect your Algae Bioreactor with **PlanktonCare**



100L



1250L



2500L