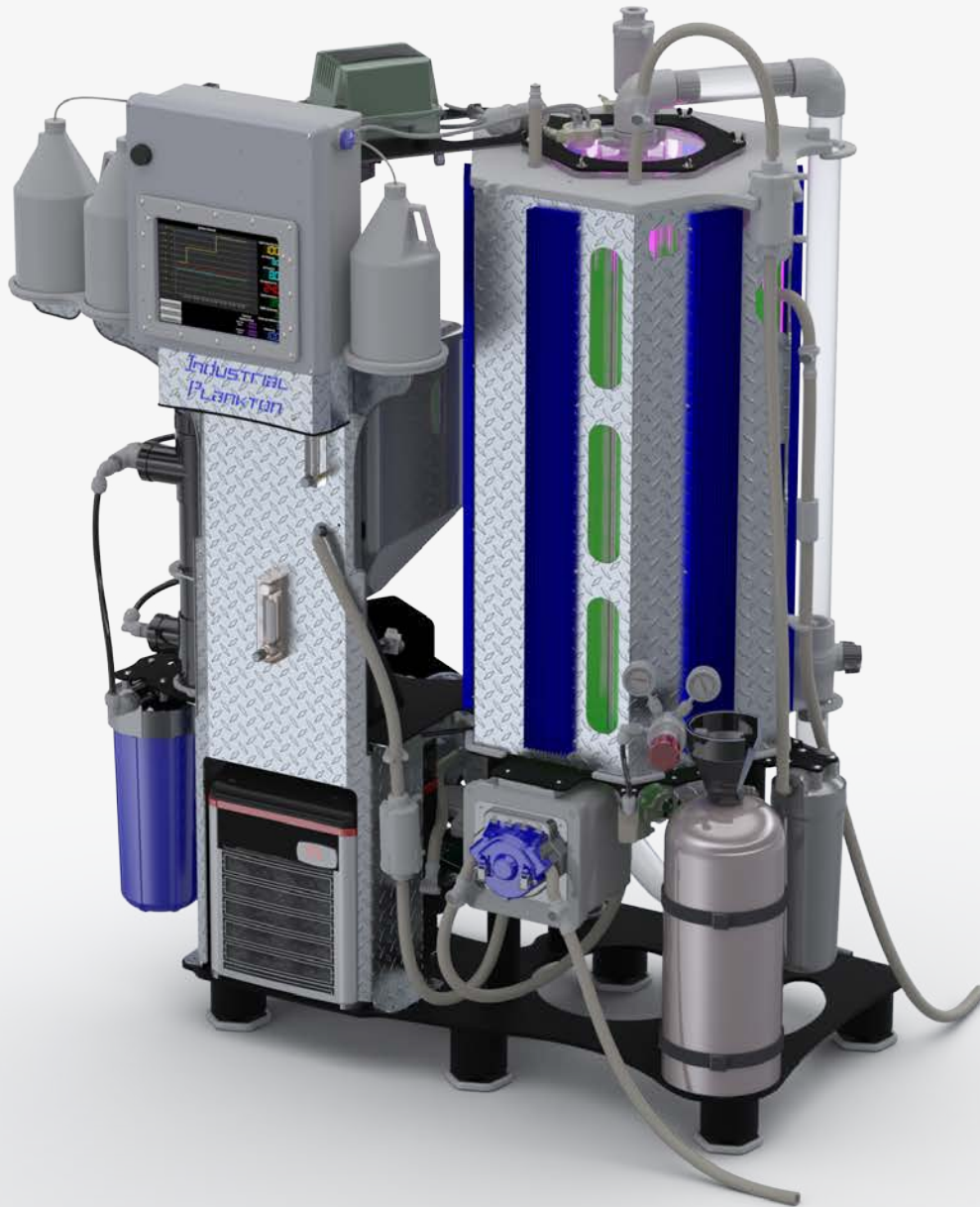


# **INDUSTRIAL™** PBR **PLANKTON** 100L Research Algae Bioreactor



Reliable • Biosecure • Easy • Compact

[www.industrialplankton.com](http://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.

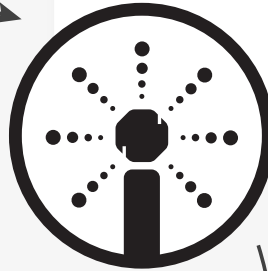
## Harvest

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



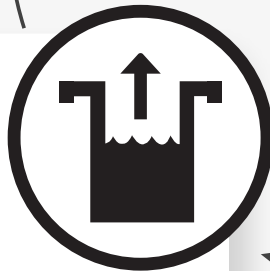
## Clean

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



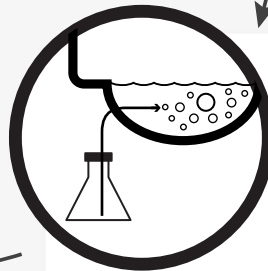
## Scale up

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

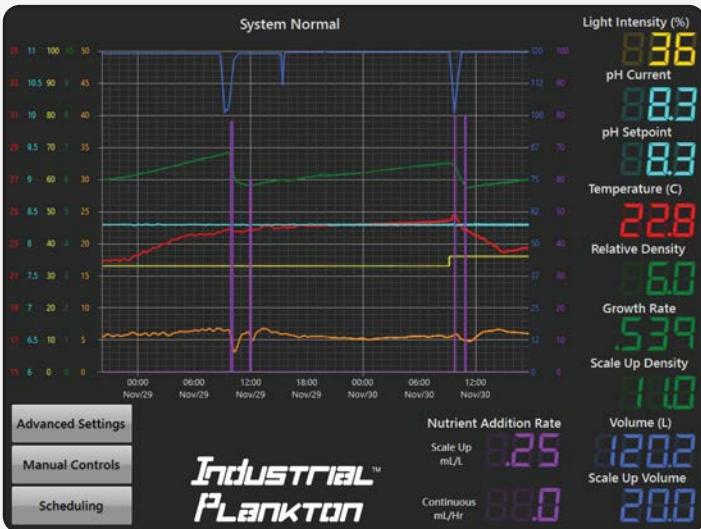


## Inoculate

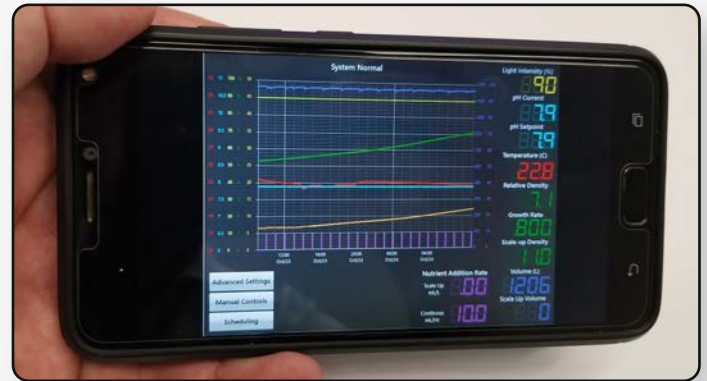
Inoculate with a small volume of clean algae using biosecure disconnects.



# Industrial™ PLANKTON



Real Time Data Logging



Web-Based Remote Access

## Continuous Production

20-40 L harvested/day

### By Species (10<sup>6</sup> cells/mL)

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

Batch densities typically 2-3X  
that of 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™ PLANKTON

1 (844) 818-0304 • Victoria • British Columbia • Canada



Protect your Algae Bioreactor with **PlanktonCare**



100L

1250L

2500L