

P. Counter

A portable counter enables to obtain the number of phytoplankton instantaneously from a sample of ballast water

Features

- Fast: Results are delivered in a minute
- High sensitivity: Counting Individual Living Cell
- Easy operation
- No dye-substrates
- Transfer results to your Smartphone
- WiFi / Bluetooth connection through PC or Mobile
- Long lasting rechargeable batteries
- Easy sampling & counting



Fast and easy phytoplankton sampling instrument for ballast water



Patent & IMO Report

We have several patents. [KR. US. EP]



IMO MEPC Report published (Mar. 03. 2015)



Detecting algorithm



How to Use



- Step 1. Turn on the P.counter
- Step 2. Fill water up to the drainage hole height
- Step 3. Push detect button



Result Viewer on Device / Smartphone / PC



Specification

ProductName	P.Counter
Target Organisms	Viable Phytoplankton
Analysis Time	< 1 min.
Display Device	2.8" color LCD / Mobile Display (for image and count)
Power Supply	DC 5V
Dimensions	150(H) x 150(W) x 250(D)
Main Processor	QuadCore 64 bit ARM Cortex A53 (1.2 GHz Clock Speed)
Communication	Wireless LAN (802.11n) / BlueTooth 4.1

[Ballast Water Management Convention]

Sept. 8th, 2017

Ballast water Performance Standard (D-2) in the Ballast Water Management (BWM) Convention indicates that less than 10 visible organisms with less than 50 μm and Greater or equal to 10μm should be found in 1 cc of ballast water . Reinforcing the regulation requires a precise monitoring tool for impact in oceans.