

# CytoSense

## Particle scanning and imaging instrument

Target organisms: phytoplankton, can also be used for heterotrophic organisms if combined with appropriate dyes.

Size range: 0.5-1000  $\mu\text{m}$

It is a flow cytometer that records an optical profile (light scatter and fluorescence) reflecting characteristics of each particle.

- Equipped with 2 lasers (488 and 594 nm) and detectors for light scatter, FITC dyes, chlorophyll a, phycoerythrin and phycocyanin fluorescence
- Also equipped with a high-resolution camera
- Can be used in the laboratory or autonomously when coupled to a flow-through system.
- Links to specs, manufacturer's web pages, data
- <https://www.cytobuoy.com/es/product/cytosense/>
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