

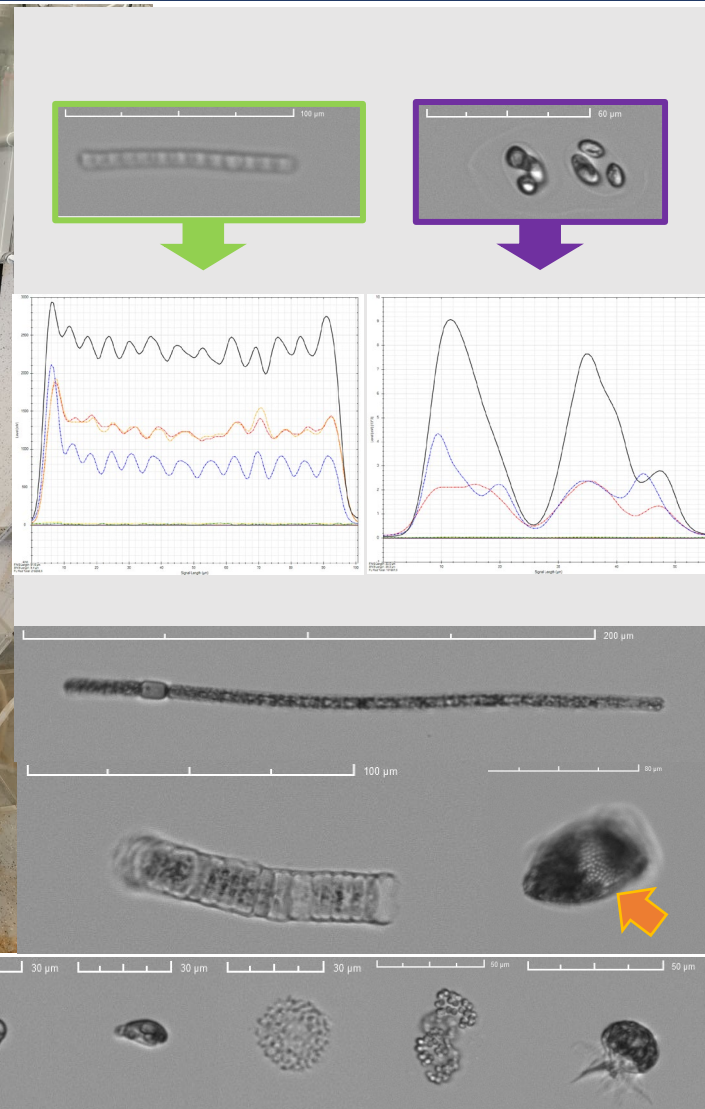
CytoSense

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 μm

CytoSense 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 manufacturer's web page:
- <https://www.cytobuoy.com/es/product/cytosense/>
- Contact: Lumi Haraguchi (firstname.surname@syke.fi)