



ICECUBES
BY SPACE APPLICATIONS SERVICES



ICE CUBES SERVICE LIFE SCIENCES

EXTREMO CUBE MICROORGANISMS AND BIO CULTURES

In collaboration with Extremo Technologies

APPLICATIONS

- Microalgae and other microorganisms

FEATURES

- Controllable LED illumination (sunlight spectrum)
- Controllable air pumps to circulate ISS Columbus cabin air in the cube
- Innovative sensor for in-situ oxygen production measurements
- Camera for in-situ sample observation

MISSIONS FLOWN

- Ax-4 - Space Volcanic Algae, June 2025



Credit: Axiom/NASA/ESA

