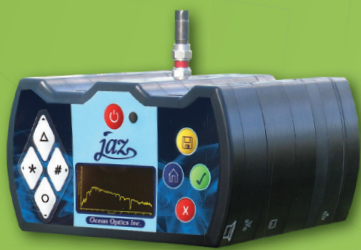


Optical Analysis

for Agricultural Products and Processes

Quality control with NIRQuest

Near infrared spectroscopy is a great measurement method for sugar and moisture analyses. The NIRQuest spectrometer can measure up to 2500 nm and is an excellent sorting tool for quality grading of agricultural products.



PAR measurements with the Jaz light meter

The Jaz lightmeter is the universal tool for monitoring natural and artificial light conditions in greenhouses. The Jaz light meter gives you the full spectral information, but can also report in key parameters like PAR, Lumen, Lux and colour temperature.

Oxygen measurements with NeoFox

NeoFox is a fluorescence-based optical sensor system that can be used to monitor oxygen. NeoFox has fast response times and does not consume oxygen. In agricultural applications, optical oxygen sensors are used for soil oxygenation analysis, water quality analysis and fermentation and climate control.



Crop analysis using transmission and reflection measurements

Measuring the transmission and reflection of petals and leaves can be used for chlorophyll quantification, colour measurements, health and stress indication and environmental studies.

