

Fluorescence Module Datasheet (Part Number OGI-A-1009)

The Fluorescence module is an optional accessory for the OGI Microbioreactor Mk2 Part number OGI-A-1006. This module can be used to measure fluorescence of a variety of fluorophores in the culture flasks. It is possible to measure up to 3 different fluorescent signals simultaneously per flask. The wavelengths available as standard are:

Excitation: 365nm, 470nm, 590nm

Detection: 400-450nm, 450-500nm, 500-550nm, 550-600nm, 600-650nm, 650-700nm, 700-750nm, 750-800nm.



Technical Specification

- Power Requirements:
 - o This unit is powered from OGI Microbioreactor Mk2 Part number OGI-A-1006
- The device is intended for indoor use only
- Optimal Performance at:
 - o Operating temperature: 15 to 40°C
 - o Relative humidity: 30% - 70%
 - o Operating altitude up to 2000 meters

Safety Notice

The optional Fluorescence Measurement module (OGI-A-1009) contains a UV LED. This has been tested and assessed in operating mode as Risk Group 0. Please ensure module is firmly secured to the Bioreactor with the fixing screw provided BEFORE turning on the Bioreactor power.