

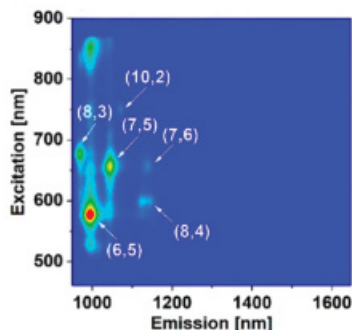
Clair™

INFRARED MICROPLATE READER

- » NIR-II Microplate Reader
- » Fluorescence detection 900-1600 nm
- » Light source: lasers or tunable light source
- » Tabletop ready



Photoluminescence map of single wall carbon nanotubes obtained using Clair.



TECHNICAL SPECIFICATIONS

Detection mode	Fluorescence spectroscopy
Microplate formats	96-well plates (complying with ANSI/SLAS 1-2004 through 6-2012)
Fluorescence light sources	650 nm and 735 nm laser diodes*, fiber entry for optional tunable light source (optional)
Fluorescence spectral range	900 - 1600 nm
Detection instrument	High sensitivity IR spectrometer
Z-adjustment	Focal height adjustment (0.1 nm resolution)
Read height	Adjustable bottom to mid well height
Software	Data acquisition software
Data format	CSV
Computer interface	USB
Line voltage	120 - 230 VAC
Dimensions	690 mm x 535 mm x 275 mm
Weight	40 kg

OPTIONS

Detection mode	Absorbance spectroscopy
Absorbance light sources	Halogen white lamp
Absorbance spectral range	500 - 1600 nm

*other wavelengths are available on demand.



