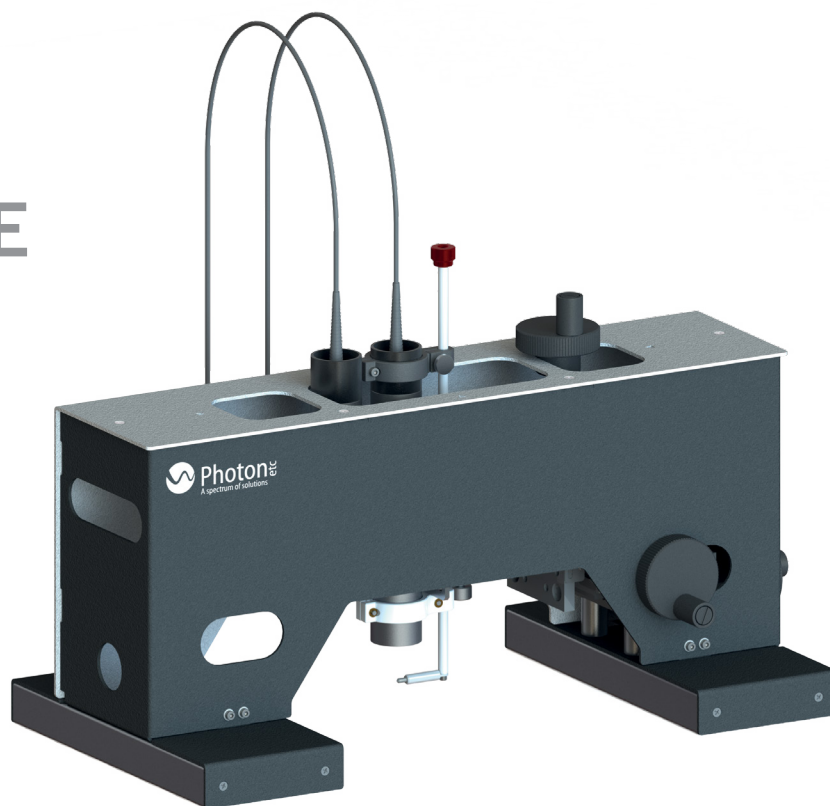


IRina™

INFRARED SPECTRAL PROBE



The IRina™ in vivo spectral probe can deliver full spectral measurements in the NIR-II range. Ideal to measure fluorescence emission from nanosensors or new dyes, its small form factor and ergonomic benchtop design allow easy measurement inside small living animals or thick tissues. Using the included PHySpec™ software, multiple acquisitions and time series are straightforward to acquire and analyze.

TECHNICAL SPECIFICATIONS

Spectral range	900 - 1600 nm
Spectral resolution	5 nm
Spectral sampling	~ 1.6 nm
Light source	650 and 735 nm laser, other wavelengths available upon request
Maximum laser power on sample	~ 1 W
Working distance	40 - 70 mm
Spot size	1 - 10 mm
Focal length	75 mm
Detection sensor	High sensitivity linear array
Data format	HDF5, CSV, JPG, PNG
Software	PC (Windows10 - 64-bits) with PHySpec™ control and analysis software (computer included)
Computer interface	USB
Dimensions	470 mm x 230 mm x 275 mm
Weight	2 kg