

Operating Instructions



SteadyQ

2009-351

Read This Manual before You Attempt to use this Instrument

WARNING: Dangerous Voltages Present - NO Serviceable Parts Inside
Instrument should be serviced by qualified service personal only.

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1 Safety Instructions

Instructions: All the safety and operating instructions should be read before the unit is operated. Before using the power supply for the first time check for transport damage.

Warning: All warnings on the unit and in the operating instructions should be adhered to.

Unpacking Instructions:

Your package should contain:

- 1x SteadyQ
- 1x SteadyQ Power supply
- 1x This manual
- 1x Screws for Spectrometer installation

- 1) Unpack your new SteadyQ and power supply carefully. Dropping this instrument can cause permanent damage.
- 2) Inspect the outside of the instrument and make sure that there is no damage to your unit. In case of damage contact the dealer immediately and **DO NOT USE THE INSTRUMENT!**
- 3) Use this instrument in a clean laboratory environment.

Moisture

The unit is designed for operation in dry rooms only.

Ventilation

The unit should be situated so that its location or position does not interfere with its proper ventilation.

Heat

The unit should be situated away from radiators, hot bodies, ovens or other heat sources.

Power Sources

The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the unit.

Object and Liquid Entry

Care should be taken that objects do not fall, or liquids spilled into the enclosure through openings.

2 External connectors



Right side of SteadyQ
Connects SteadyQ to the power supply



USB-connector to PC
SMA-905 fiber connector
DC-plug for spectrometer power supply

3 Shutter Control

The internal shutter can be controlled via the spectrometer and SpectraSuite/ OceanView using the Lamp/strobe enable signal

4 Specifications

Wavelength range SteadiQ-UV	200-1100nm (depending on spectrometer configuration)
Wavelength range SteadiQ-VIS	400-2500nm (depending on spectrometer configuration)
Compatible spectrometers (not included)	USB2000+, USB4000, HR2000+, HR4000, Maya2000, Maya2000 Pro, QE65000, NIRQuest512, NIRQuest256-2.1, NIRQuest256-2.5
Inside Temperature	23°C ±1 K between 5 and 40°C 23°C ±2 K between -20 and 60°C
Dimensions (L x W x H)	465mm x 300mm x 414mm
Weight	Approx. 12kg
Operating Voltage	Including 110 / 220VAC > 24VDC; 7A
Communication Interface	Via USB Connection on the spectrometer

5 Warranty

Ocean Optics GmbH warrants to the Original User of this instrument that it shall be free of any defects resulting from faulty manufacture of this instrument for a period of 36 months from the original date of shipment.

This **instrument should not be used for any Clinical or Diagnostic Purposes**, data generated is not warranted in any way by Ocean Optics Germany GmbH. Any defects covered by this Warranty shall be corrected either by repair or by replacement, as determined by Ocean Optics Germany GmbH.

There are no warranties which extend beyond the description herein. This Warranty is in lieu of, and excludes any and all other warranties or representation, expressed, implied, or statutory, including merchantability and fitness, as well as any and all other obligations or liabilities of /Ocean Optics Germany GmbH, including, but not limited to special or consequential damages. No person, firm, or corporation is authorized to assume for Ocean Optics Germany GmbH. Any additional obligation or liability not expressed provided for herein except in writing duly executed by an officer of Ocean Optics Germany GmbH.

5.1 Warranty Handling

1. Clear with your local distributor the problem or fault.
2. In case of warranty your local distributor will give you a RMA number.
3. Send your instrument free of charge and insured to your local distributor.
4. Your distributor will inform you on delivery time. If there is repair out of warranty you will be informed about repair cost. The system will be on hold till you have officially ordered the repair.

The system will be send back to you free of transport cost and insured (in case of warranty)