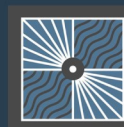


qpod 2e



QUANTUM
N · O · R · T · H · W · E · S · T

Temperature-Controlled Sample Compartment for Absorbance or Fluorescence



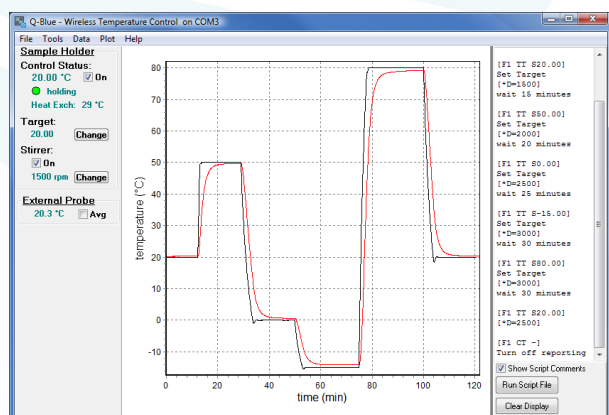
Combine the qpod 2e with a fiber optic light source and spectrograph to get a spectroscopy system with superb temperature control.

- Peltier-driven for rapid, precise control -30 °C to +110 °C
- Four optical ports for lenses and other components
- Variable speed magnetic stirring
- Dry gas purge
- Thermometer probe input
- Integrated PID temperature controller
- USB or wireless Bluetooth control
- Ideal for research or teaching applications
- Calibrated using a NIST-traceable thermometer

Specifications:

- Temperature Range -30 °C to +110 °C
- Temperature Precision ± 0.01 °C
- Temperature Accuracy ± 0.15 °C
- Probes Accepted Series 400 or Series 500
- Standard Cuvette Size 12.5 mm x 12.5 mm O.D.
- Cuvette Z Height 8.5 mm

*Work below -15 °C requires pre-cooled circulating fluid



Components included in each purchase

- qpod 2e
- Q-Blue control software
- Performance plot and calibration data
- One of three optics kits:
 - **ABSKIT** for absorbance or transmission measurements
 - **FLKIT** for fluorescence measurements
 - or **MPKIT** for either absorbance or fluorescence
- Accessories (including magnetic stir bar, optical slits to control illumination and light collection, Tubing, Cables, Optical Slits, Opaque Lid, AC adapter, USB cable and circulator to provide circulating water to draw heat off the Peltier unit)

Optional Components available

The components of the qpod 2e kits are available separately, as well as polarizers and filter holders.

Computer Control

The qpod 2e is controlled from your computer via either USB or wireless Bluetooth. Run the program Q-Blue to:

- Set temperatures
- Plot sample holder and/or probe temperature vs time
- Perform temperature ramps
- Automate temperature based experiments via script control

For more information contact:

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