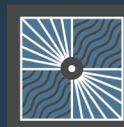


qpod 2e

Temperature-Controlled Sample Compartment for Absorbance or Fluorescence



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



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

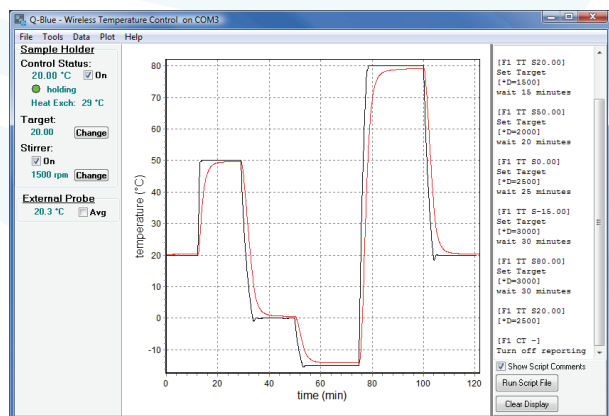
- Peltier-driven for rapid, precise control over a wide range of temperatures
- Calibrated using a NIST-traceable thermometer
- Variable speed magnetic stirring
- Dry gas purge
- Thermometer probe input
- Integrated PID temperature controller
- Convenient packages available for absorbance or fluorescence measurements
- USB or wireless Bluetooth control
- Ideal for research or teaching applications

Specifications:

- Temperature Range -30 °C to +105 °C
- Temperature Precision ± 0.02 °C
- Probes Accepted Series 400 or Series 500
- Cuvettes Accepted:
 - Standard Cuvette Size 12.5 mm x 12.5 mm O.D.
 - Microcuvette z- Height 8.5 mm

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)



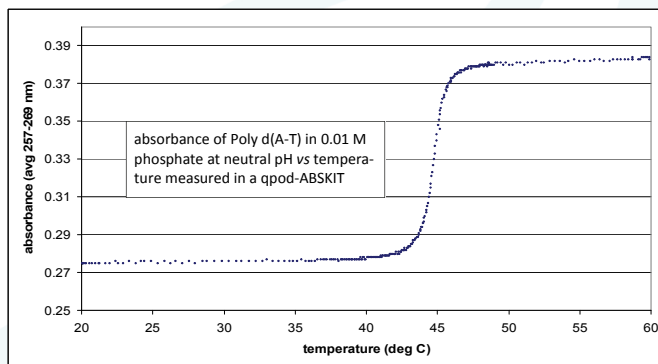
Computer Control

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

Optional Components available

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



Example of DNA melting data

Seattle
18338 Corliss Avenue N
Shoreline, WA 98133

Spokane
22910 East Appleway Ave., Suite 4
Liberty Lake, WA 99019-8606

Serving the global scientific
community since 1993

phone: (509) 624-9290
fax: (509) 624-9488
email: quantum@qnw.com