

# Four-cuvette Peltier

FLUORESCENCE  
ACCESSORY

## Four-cuvette Peltier Sample Compartment

The four-cuvette Peltier-base sample compartment is for use with all of ISS spectrofluorometers and works from -40 °C to +105 °C. The sample compartment comes with temperature controller, magnetic stir bar and tubing.

### Specifications

#### Temperature

- Range of -40 °C to +105 °C\*
- Precision of  $\pm 0.02$  °C

#### Optical Port Dimensions

- 12 mm x 10 mm
- Optical axis 8.5 mm

#### Cuvettes

- 12.5 mm x 12.5 mm O.D. standard

\*Operation below the ambient dew point temperature requires dry gas purge. Operation below -10 °C requires dry gas purge and pre-cooled circulating fluid within 25 °C of the desired temperature.

### Accessories for Peltier

- Accessory post, a plastic post and support clip that may be inserted in the top of the sample compartment and used to hold tubes, probes and other hardware for special measurements.
- Cuvette adapters for 3x3, 4x4 and 5x5 cuvettes



### Key Features

Rapid, precise control over an extended range of temperatures

Highly uniform temperature in each cuvette

Fully automated through ISS Vinci Software package

Calibrated using a NIST-traceable thermometer

Complete package with compartment floor and utilities brought to the front panel

Variable speed magnetic stirring for each cuvette

Dry gas purge

Thermometer probe input



**ISS**<sup>™</sup>

Innovations in Fluorescence

[www.iss.com](http://www.iss.com)