

Fluorimeter Heated Cell System Operating Instructions

The Heated Cell System (Order Code: 628 200) comprises the following items:

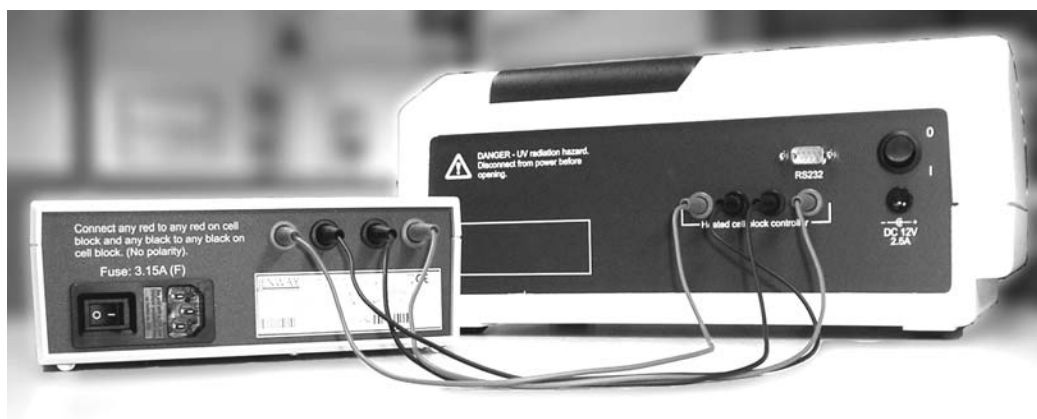
1. Heated Cell Holder Assembly (628 202)
2. Heated Cell Controller (633 004)
3. Connection Leads (qty – 2 pairs) (628 220)
4. Mains lead USA moulded (013 083)
5. Mains lead European (013 123)
6. Mains lead UK (013 181)

Any shortages or damage should be reported immediately to the manufacturer or your local dealer.

Installation

1. To install the heated cell holder unscrew the thumbscrew located beneath the sample chamber and then carefully lift the existing cell holder clear.
2. Place the heated cell holder in to the sample chamber and secure with the thumbscrew.

Fig.1.



3. Connect the red and black leads supplied to the fluorimeter rear panel terminals. (refer Fig. 1).
Starting from either right or left the sequence should be:
Red Black Black Red
4. Connect the other end of the leads to the controller unit, ensuring that the:
Red plugs are inserted into the **Red** sockets
Black plugs are inserted into the **Black** sockets

Note: Ensure sections 3 and 4 are completed successfully. Under NO circumstances should the controller be powered up without the leads connected.

5. Connect the plug on the supplied mains cable to the mains outlet and connect the socket end of the lead to the controller unit. Switch on the mains supply.

Operation

1. Switch on the controller unit using the rear panel POWER switch. Both the green light and the LED display on the front panel should be illuminated.
2. Allow the reading to stabilise. The display will then show the current temperature of the cell block.
3. Press and hold the * key and the display will change to show the current setpoint of the controller.
4. Use the ▲ ▼ keys to set the controller to the required cell block temperature, then release the * key.
5. If the current temperature of the cell block is below the set point, the green LED (located to the top left of the display) will illuminate to indicate that the heater is working. The displayed reading will increase until the temperature reaches the set point.
6. When the set point is reached the green LED will be extinguished, only flashing occasionally as the heater maintains the block at the set point.