

AE.5168

temperature controller for heating stages



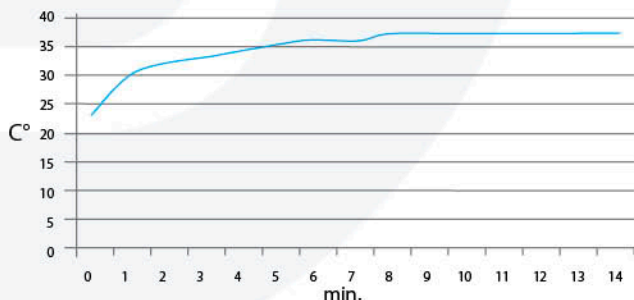
Use

1. Connect the AE.5168 temperature controller to the heating stage by means of the connector at the back of the controller and fasten the connector
2. Connect the plug to the mains supply
3. Set the main switch on the front panel to 'ON'
 - All digits of both displays (A) and (B) will light up as a test
 - The display (A) will show "OFF"
4. Push the on/off switch (F), to switch the heating stage on or off
 - When first in use the upper display shows 37° C as desired temperature for the heating stage



Note: at a room temperature of about (23°) it will take about 8 minutes to reach a stable temperature of 37° C

- The display (B) shows the temperature at the sensor. This will keep on varying around the set temperature!
 - The temperature of the heating stage will remain stable, as shown in the above graphic
5. The desired temperature can be set by: "SET" (G): keep this button pressed and change the temperature, by means of pressing either button (D) or (E)
 - For safety the maximum temperature which can be set is limited to 50° C
 6. Set the switch at the front in the position 0 after use.



Temperature versus time:

— PID @ 23° Setpoint 37° C

Possible error codes:

The following error codes can be displayed:

- **F1H** Check if the heating stage is connected to the controller
- **F1L** Check if the heating stage is connected to the controller. If it is there may be a short circuit
- **F2*** Check if the heating stage is connected to the controller
- **EP0** or **EP1** Defect of the controller. Contact your dealer or Euromex

When the display does not function, check whether the main switch is 'ON'. If it is, check the fuse