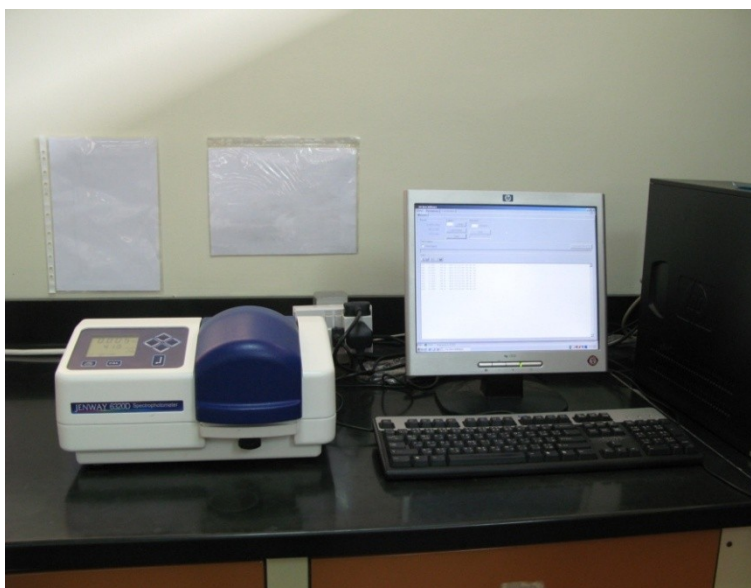




Spectrophotometer 6320D

Switch on the Spectrophotometer

The spectrophotometer has to be warmed up for 5 - 10 minutes. This is to stabilize the machine and avoid fluctuations in the readings.

Setting Measurement Wavelengths

- 1 Press the *up* arrow key to increase the wavelength, press the *down* arrow key to decrease the wavelength.

Photometric Calibration

- 1 Insert a cuvette containing the blank solution in the sample holder and close the sample chamber lid.
- 2 Press the **CAL** key, the '**Calibrating...**' information box will be displayed and then the readout up-dated to zero absorbance and 100%T.

Absorbance and %T Measurement

- 1 Remove the cuvette containing the blank solution, then insert the cuvette containing the standard solution into the sample holder and close the sample chamber lid.
- 2 Allow the reading on the display to settle and record this as the first result.
- 3 If the optional printer is connected, simply press the **print key** to print the first result. This will be printed along with the header text, giving details of the instrument, the operator ID and the time and date of the last calibration. The sample number will increment for each result printed, being re-set to 001 following a subsequent calibration.
- 4 Unknown samples can be measured by inserting them in the sample holder as above and press **Read or Enter**.
- 5 Press **Save** for saving the results as a text file.