Instructions for Genesys Digital 20 Spectrophotometer

When you turn on the instrument, it performs its power-on sequence. This sequence includes checking the software revision, initializing the filter wheel, and the monochromator. The power-up sequence takes about two minutes to complete. Allow the instrument to warm up for 30 minutes before using it.

1. Press A/T/C to select the absorbance or transmittance mode. The current mode appears on the display.
2. Press “nm” up key or “nm” down key to select the wavelength. (Note: holding either key will cause the wavelength to change quickly.
3. Insert your blank into the cell holder and close the sample door. Position so light (as indicated by the arrow) passes through the clear walls of the cell.
4. Press 0 ABS/100% T to set the blank to 0A or 100% T.
5. Remove your blank and insert your sample into the cell holder. The sample measurement appears on the LCD display.

Directions taken from owners manual for the instrument. Copies are kept in the genchem stockroom.