

## Taking the Measurements

1. Trigger the measurement using one of the following methods:
  - a. Select "Measure Standard" or "Measure Trial" from your application software interface. Follow the software instructions for loading the sample at the view port.

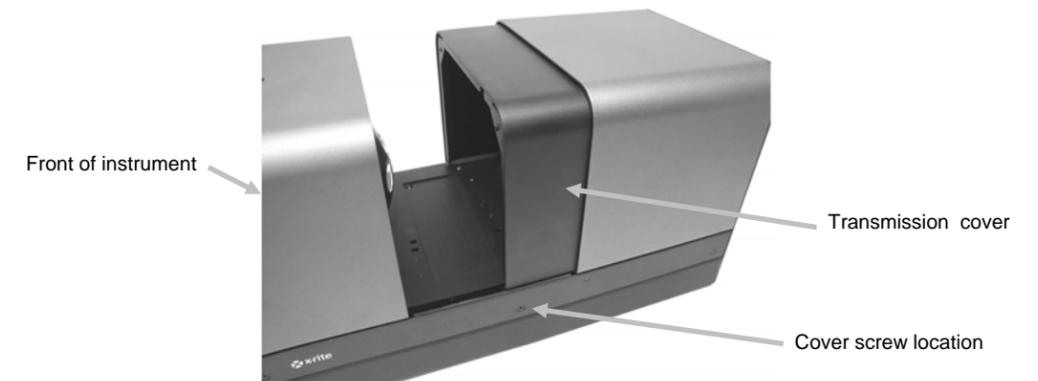
**OR**

  - b. Press the Standard or Trial button on the Status Panel.
2. The measurement is taken. The data are presented to you in your application software. Follow the instructions for saving the data in the software.

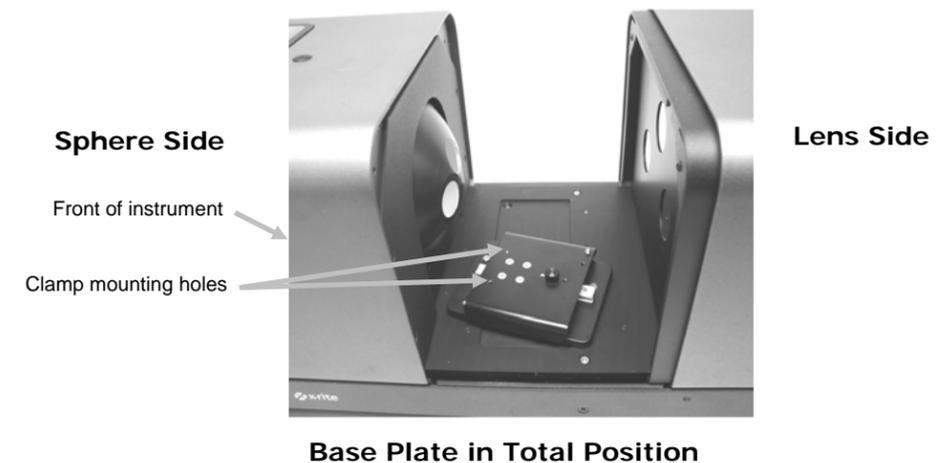
## Color i5/i7 Transmission Kit

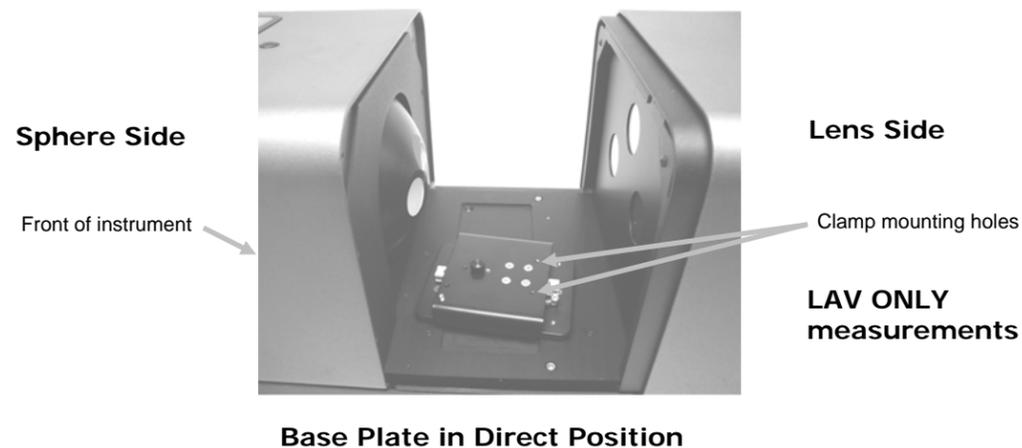
### Accessing the Transmission Chamber

1. Turn power off to instrument.
2. Remove the transmission cover shipping screw (if installed) on the side of the instrument and set it aside.
3. Open the spectrophotometer transmission cover by sliding the cover toward the rear with your fingers.



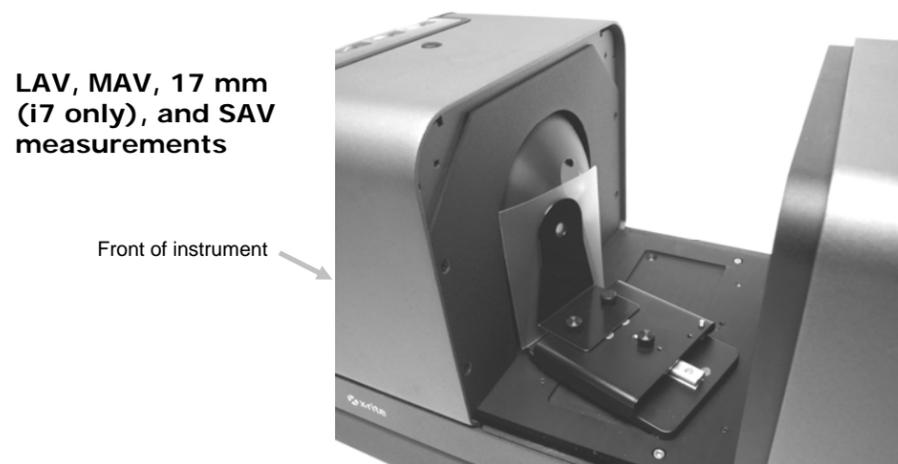
4. Align the sample holder base plate pins to the base plate mounting channel holes inside the transmission area. There are mounting holes in the channel at both the sphere and the lens. For total transmission measurements, position the base plate with the clamp mounting holes on the sphere side. For direct transmission measurements (LAV only), position the base plate with the clamp mounting holes on the lens side.



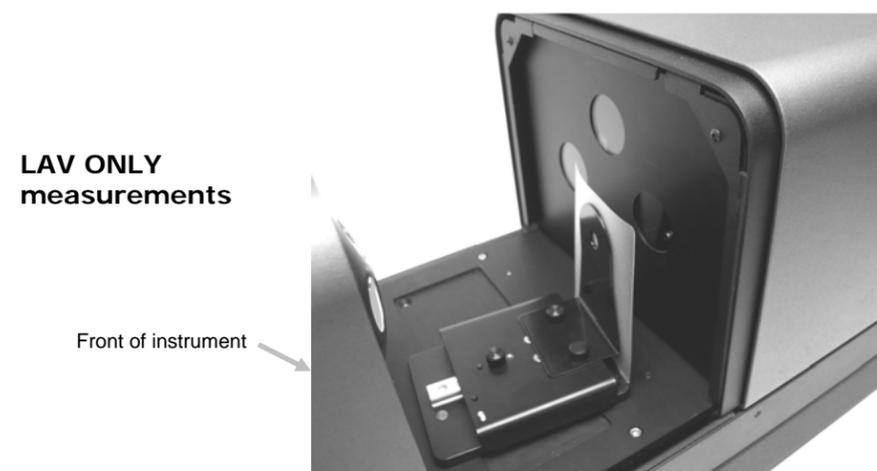


5. Position the Spectralon plaque at the viewport.

**Transmission holder at the sphere (total measurement) example**

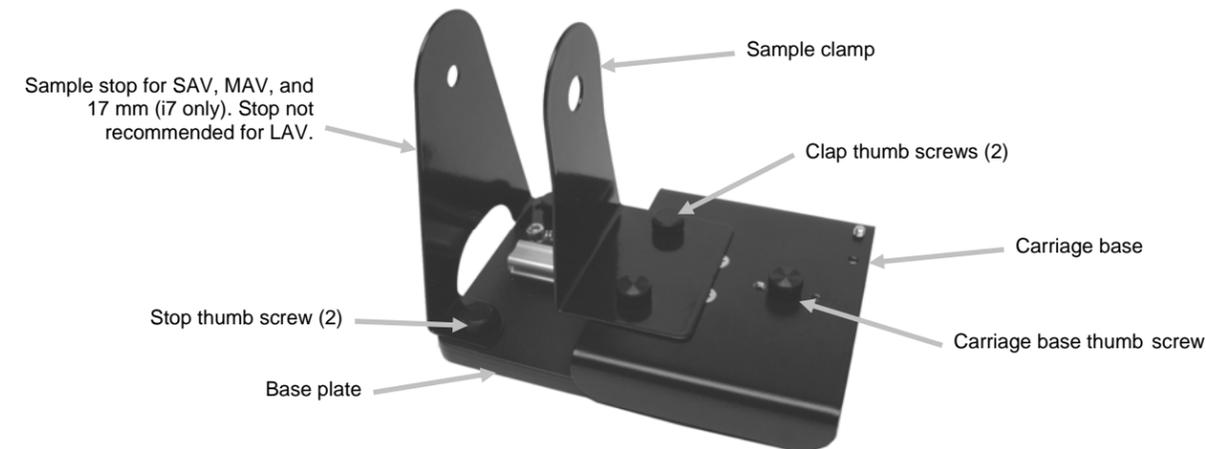


**Transmission holder at the lens (direct measurement) example**



**Film Measurements**

1. Attach the appropriate stop to the base plate and clamp to the carriage base with the thumb screws. For total measurements, make sure the stop is position against the sphere before tightening the thumb screws. For LAV, sample contacts the sphere. No stop is recommended.



**Base Plate with Stop and Clamp Attached**

2. Pull the sample clamp back and position the sample between the clamp and stop (refer to the examples on the previous page). You may want to temporarily tighten the carriage base thumb screw to hold the clap in place while positioning the sample. Slowly release the sample clamp/carriage base to secure the sample.

**Liquid Measurements**

1. Loosely attached the flow cell stand assembly to the carriage base with two thumb screws. A clamp is not required for this measurement.
2. Slide the flow cell stand forward and tighten the thumb screws.
3. Insert the cuvette into the flow cell stand.



**Flow Cell Stand (Total Measurement)**