PHSX 616 Lab 1

Two Slit Interference

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Be able to adjust the double slit into position while having the box closed. Mark down the micrometer settings for the following:

1. Both slits blocked
2. Light passes through only the farther slit
3. Light passes through both slits
4. Light passes through the nearer slit
5. Blocks both slits

Note what happens on the viewing card at far right of the device for each of the 5 slit positions.

You can use the detector micrometer to glide the single slit over the interference pattern and take a measurement of the light (voltage?).