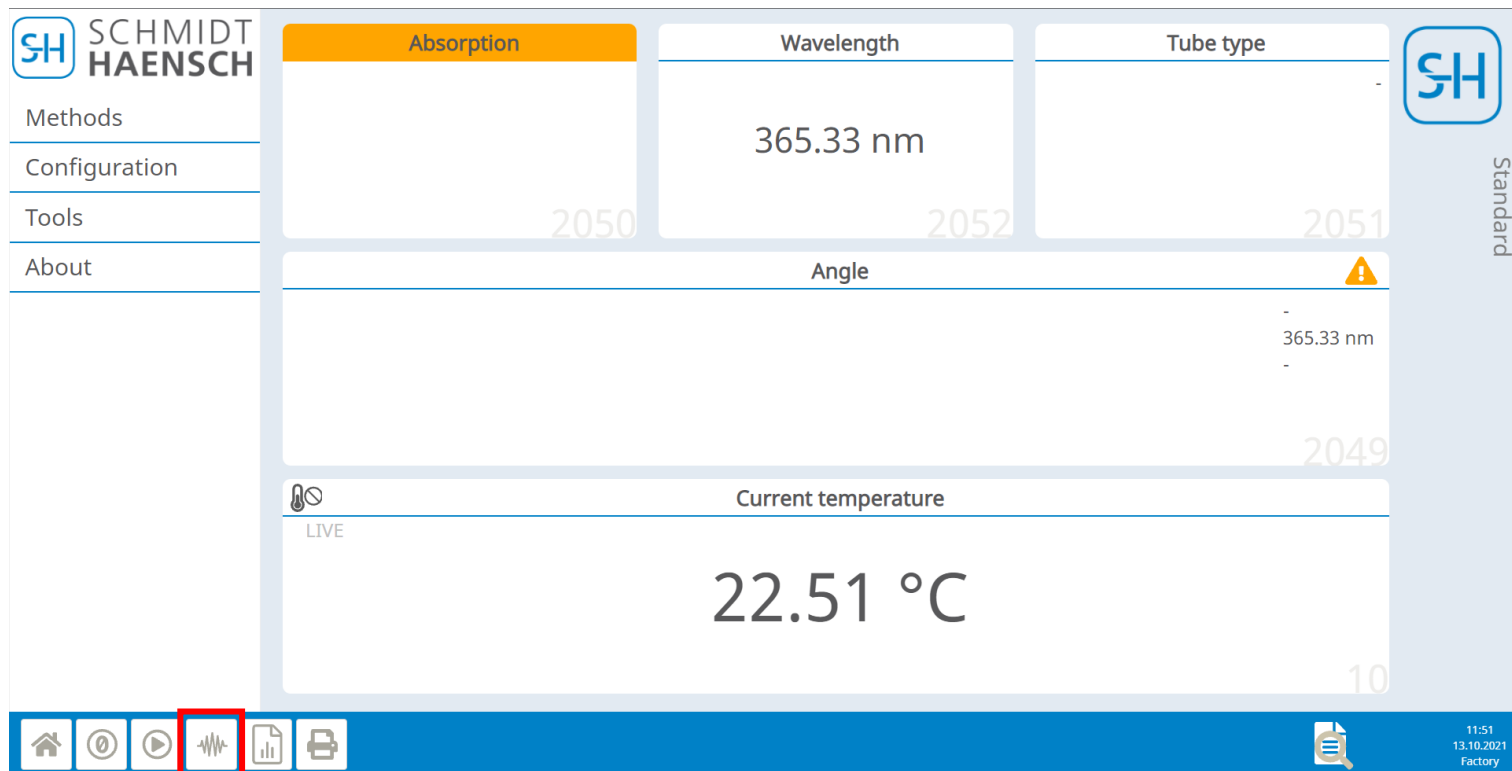


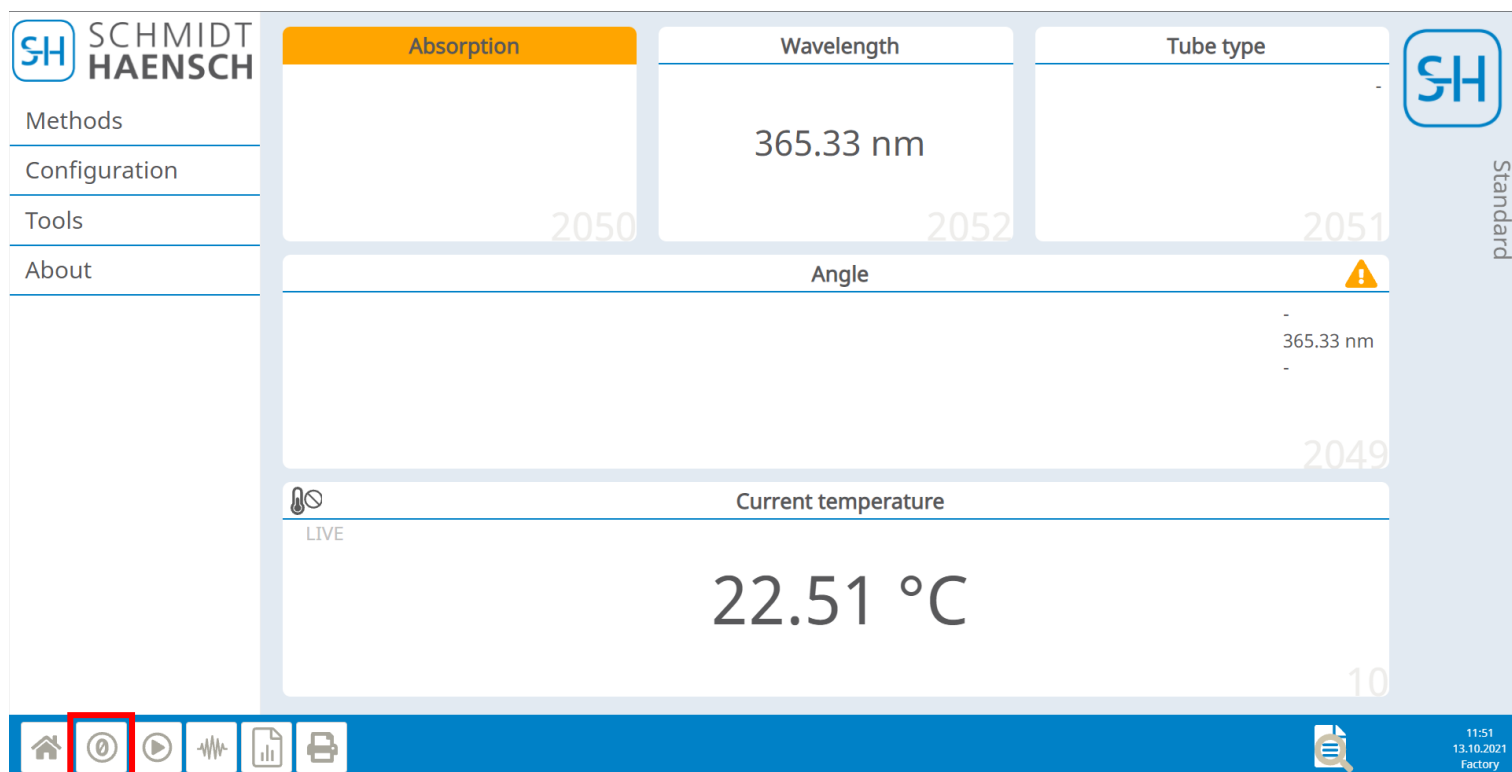
Adjust Varipol wavelength (365.33nm)

1. Change wavelength to 365.33 nm.



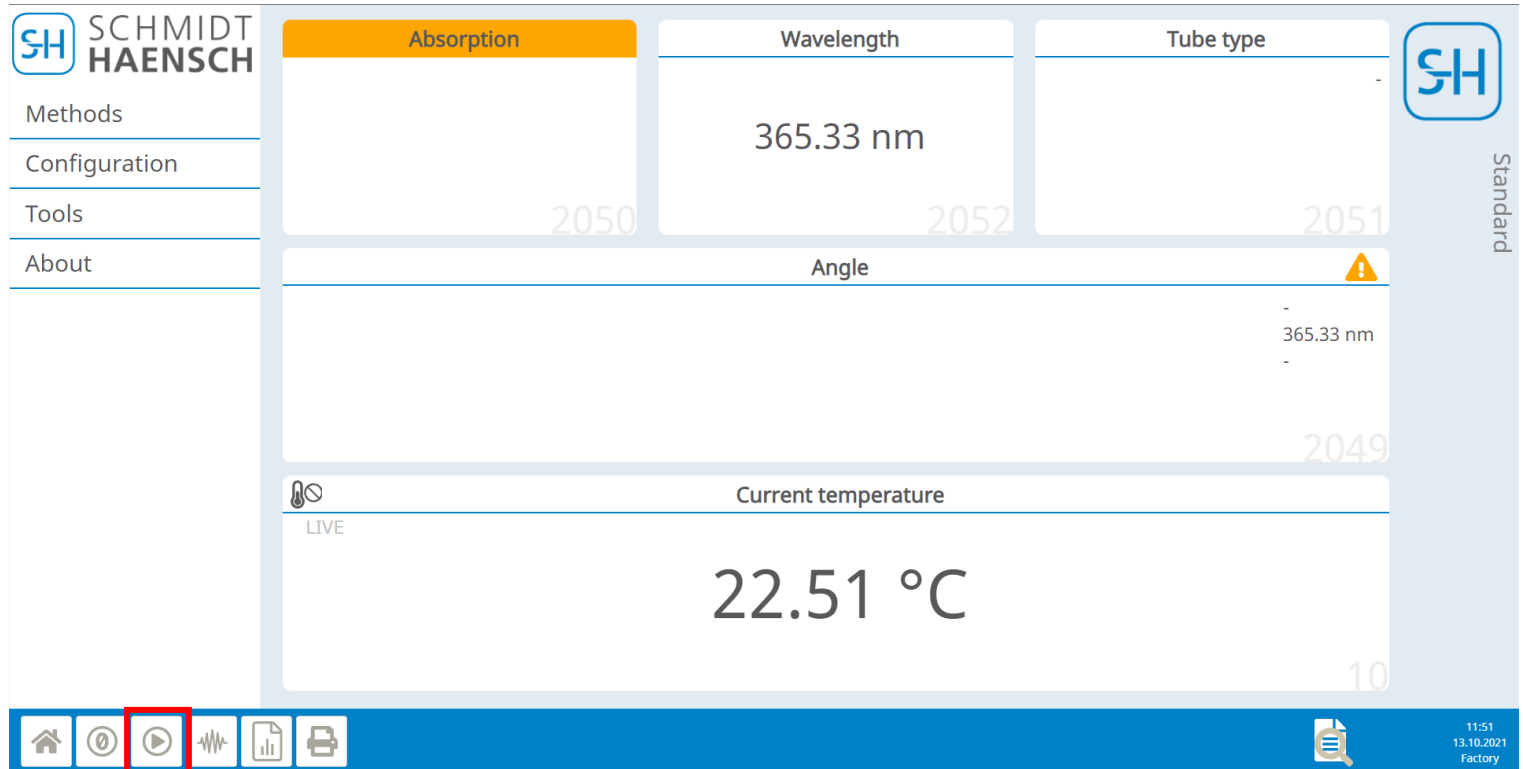
The screenshot shows the Schmidt Haensch Varipol control interface. On the left is a sidebar with the logo and navigation links: Methods, Configuration, Tools, and About. The main display area has a top section with three panels: 'Absorption' (orange header), 'Wavelength' (showing 365.33 nm), and 'Tube type' (showing -). Below these is an 'Angle' panel with a warning icon and a value of 365.33 nm. At the bottom is a 'Current temperature' panel showing 22.51 °C. On the right side, there is a vertical 'Standard' label and a '2049' value. The bottom status bar contains icons for home, stop, play, a red-outlined square icon, and print. The right side of the status bar shows the time 11:51, date 13.10.2021, and location Factory.

2. Set the instrument zero with an empty and closed sample room.



This screenshot is identical to the one above, showing the Schmidt Haensch Varipol control interface with the wavelength set to 365.33 nm and the current temperature at 22.51 °C. The red-outlined square icon in the bottom status bar is highlighted, indicating the next step in the procedure.

3. Insert the quartz plate and connect it to the temperature control.
4. Perform a measurement and compare the measurement results with the certification values. If the value differs from the tolerances, then the unit must be mechanically adjusted.



5. To calibrate the Varipol, insert the 2mm Allen key into the upper adjustment hole on the left side of the Varipol. Make sure the Allen key enters into the screw head. If the values were too low, turn the key slightly clockwise. If they were too high, turn the key slightly counter clockwise. **Carry out the adjustment only in small steps, as there is a risk of affecting the linearity and repeatability of the device.**



6. After each adjustment remove the quartz plate, zero the instrument, put the quartz plate back and measure again (you do not need to disconnect the temperature control).
7. If the value does not match the certification value, repeat the steps from step 3 until the measured value complies with the tolerances of the certificates.