Measuring a chart

Before measuring a chart, you must export the chart from ColorFlow, print it, and allow sheets to dry so that color stabilizes. For inkjet printing technologies, wait at least 30 minutes before measuring a printed chart.

1. In a device condition, click the **Measurements** icon ⊕.
2. In the **Charts** list of the **Charts** tab, select the chart that you would like to measure and click **Measure**.
3. For a curve-controlled device, a dialog box appears asking you to specify the print curve used to print the measurement chart in Prinergy. Do the following:
   - If you output the chart by selecting **Print Characterization** output mode in the **Color Relationship Management panel** in Prinergy, select the **Selected by Prinergy Color Relationship Management: Print Characterization Mode** check box.
   - If you output the chart by selecting the print curve in the **Calibration & Screening** panel in Prinergy, from the **Print Curves** list, select the print curve you used to print the chart.
4. Click **OK** and follow the measurement wizard to measure or manually enter the measurement data.
5. You can suspend measurement at many points in the measurement process. For automated devices, you can suspend measurement before any page measurement. For the X-Rite i1 Pro, you can suspend measurement prior to scanning any row of patches.
   - To suspend measurement, click **Suspend**. The suspended measurement data set will not appear in the **Measurements** tab of WorkFlow Editions, since it is incomplete. If you close ColorFlow, your suspended measurement is retained.
   - While you are measuring, all measurement data and information are automatically saved. If a system or power failure causes ColorFlow to quit unexpectedly, your measurements are retained as though you suspended the measurement session.
   - To resume a suspended measurement, in the **Charts** list, select any chart and then click **Measure**.
     ColorFlow will give you the option to resume the suspended measurement, or delete it and start a new measurement.
6. When you have completed sheet measurement, the wizard checks patch measurements for consistency with other patches and sheets. If bad measurements are found, a **Remeasure Pages** dialog appears. Click **Continue** to remeasure those pages that contain errors for remeasurement. If the form contains a large number of printing defects, it's recommended that you reprint the form by clicking **Reprint** instead of **Continue.**
7. If your measurement device supports multiple measurement conditions, and you chose in the wizard to measure all those supported, select the measurement condition you with to activate for the device condition. Other measurement conditions move to the Inactive Measurements.

Upon completion of the measurement session, your new measurement appears in the Active Measurements panel and color response is calculated from the measurement data set, replacing the previous print response of this device condition.