



Orange Juice Tube Holder

(D02-1011-127)

Instruments: ColorFlex EZ

Purpose: This holder is designed to allow the viewing of a 1-inch glass test tube of orange juice by the instrument through a viewed area equivalent to that of the optional 0.75-inch port plate. The orange juice tube holder option includes a special mounted Black Glass for standardization and is recommended for use along with the sample clamp/port-forward stand.

Installation: To install the orange juice tube holder, first install the instrument onto the sample clamp/port-forward stand as described earlier in this chapter. Then, remove the regular port plate from the instrument port and replace it with the tube holder port plate. Orient the port plate so that the larger opening in the tube holder portion is facing upward. Insert the alignment pin on the tube holder into the small alignment hole at the top of the instrument port. When the pin is properly installed into the hole, the tube holder should remain firmly in the upright position at the instrument port and should not be allowed to rotate.

Sample Measurement: Then, standardize the instrument with the normal 0.75-inch port plate in place. Replace the 0.75-inch port plate with the orange juice tube holder port plate. To use the orange juice tube holder, fill the 1-inch glass tube with orange juice and insert the tube into the tube holder from the top.

This option provides an uncalibrated plastic OJ4 standard for creating a new instrument hitch or checking the current instrument hitch to the United States Department of Agriculture's (USDA) standards. This standard is also available with USDA calibration for an additional fee. When a citrus scale is to be used, read the OJ4 standard and hitch the instrument to the XYZ values given on the standard label. Save the standard and recall it to re-hitch the instrument whenever citrus scales are to be measured.



The standard is intended for use with the orange juice tube holder described above.