



Sample Cup with Ring and Disk Set for Translucent Liquids

CFLX-SC ASSY & LSXE-SC-ASSY

Instruments: ColorFlex EZ, LabScan

Purpose:

This set provides a device for holding powders, pellets, granules, and translucent liquids at the sample port. It includes a 64mm (2.5-inch) glass sample cup, plastic ring and ceramic disk set, special port plate insert, and sample cup cover. The ring and disk set are provided for translucent liquids, transparent liquids, and semi-solids where the path length is related to color concentration and must be fixed.

Installation:

First, the sample cup port plate should be installed to hold the sample cup in the proper position. Place the ring inside the sample cup and fill the cup with sample to a level above the ring. Then place the ceramic disk on top of the sample (until it rests on top of the ring) with the white portion facing the sample. Cover with the sample cup cover to exclude external light.

Sample Measurement:

Measure the sample at the sample port through the glass bottom of the sample cup with the instrument in the port-up orientation.



Parts:

ACCESSORY PARTS	COLORFLEX EZ	LABSCAN
SAMPLE CUP PORT PLATE	04-6622-00	02-1010-316
64MM GLASS SAMPLE CUP	04-7209-00	04-7209-00
SAMPLE CUP OPAQUE COVER	04-4000-00	04-4000-00
RING AND DISK SET	02-7579-00	02-7579-00

Sample Cup Port Plate: This port insert is specially designed to accommodate the 64mm (2.5-inch) glass sample cup and to hold it in the proper position at the measurement port. Remove the standard port insert by pulling it out of the port insert retainer. Replace it with the sample cup port insert, then standardize the instrument.

64mm (2.5in) Glass Sample Cup: The sample cup is ideal for the analysis of powders, granules, pellets, and translucent samples. It is recommended for use with the instrument in the port-up orientation. The cup can be filled with the desired sample and placed at the measurement port so that the sample is measured through the glass bottom of the cup.

Sample Cup Opaque Cover: The opaque cover provides a light trap to exclude the interference of external light on a sample contained in the 2.5-inch sample cup. It is placed over the filled cup at the sample port.

Ring and Disk Set: The ring and disk set includes a plastic ring and ceramic disk designed for use inside the 2.5-inch glass sample cup (sold separately). The ring and disk set are recommended for use when measuring translucent liquids, transparent liquids, and semi-solids to exclude external light and provide a consistent white background and sample path length.

Place the ring inside the sample cup and fill the cup with the sample to a level above the ring. Then place the ceramic disk on top of the sample (until it rests on top of the ring) with the white portion facing the sample. If desired, cover the entire assembly with the opaque cover (sold separately). Measure the sample at the sample port through the glass bottom of the sample cup with the instrument in the port-up orientation.

