

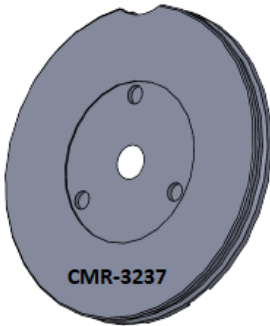
Addendum for CMR-3230

For the Measurement of 7mm Round Tablets

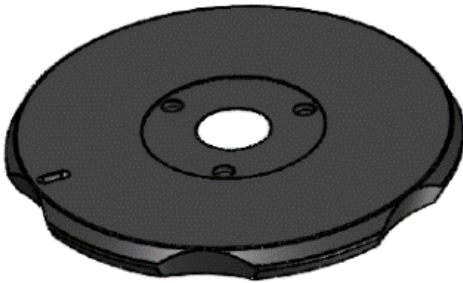
Instruments	Agera L2; UltraScan Pro; UltraScan VIS
Requires	Small Area of View (SAV) port plate known as CMR-3237 for UltraScan PRO and UltraScan VIS and D02-1020-787 for Agera L2. These SAV port plates hold the 7mm aperture magnetically.
Description	CMR-3230 provides a reflectance holder with an aperture of 7mm for the UltraScan Pro, UltraScan VIS, Agera L2.



CMR-3230 7mm Tablet Holder



CMR-3237 Port Plate for UltraScan PRO/UltraScan VIS



D02-1020-787 Port Plate for Agera L2

Note: This aperture has an opening that is smaller than the usual reflectance port opening. Performance specifications (i.e. Factory-supplied color values, stability, accuracy, etc.) are based on the standard 1-inch round transmission port opening. These specifications will not be met with the aperture in place.

Reading Samples with Agera L2

1. Place the standard SAV port plate (16.9mm; 5/8") on Agera L2
2. Create a workspace with standardization mode as 5/8", setup standard and tolerances, color scales and indices, color differences. It is recommended to setup average in measurement configuration.
3. Run STANDARDIZATION with the standard SAV port plate (16.9mm; 5/8").
4. After a successful standardization, remove the standard SAV port plate and place the D02-1020-787 port plate with the 7mm tablet holder (CMR-3230) at the port.
5. Place the sample on the tablet holder and press MEASURE to initiate readings, rotating the sample in between.

Reading Samples with UltraScan VIS and UltraScan Pro

1. In EasyMatch QC, go to SENSOR > ADD SENSOR to select your sensor. Then set up the COLOR DATA VIEW screen to read the desired color scale, illuminant, and observer.
2. Go to SENSOR > STANDARDIZE and select the Reflectance-Specular-Included Mode for UltraScan VIS and UltraScan PRO with SAV. Standardize using the light trap and then the white tile with standard SAV port plate.
3. Remove the standard SAV port plate. Place the CMR-3237 port plate with the 7mm tablet holder (CMR-3230). Make sure that the area of the sample to be measured faces the port.



SAV Port Plate with CMR-3230

4. Then take a reading using the sample button or MEASUREMENTS > SAMPLE.



Holding Sample in Place

5. Rotate the sample and read it at least one more time. Average the multiple color readings for a single measurement representing its color (MEASUREMENTS > AVERAGE). Averaging multiple readings with rotation between readings minimizes measurement variation associated with non-uniformity or texture.
6. Record the average color values.
7. With small samples, it is recommended to look at color difference using a Sample vs. a Standard instead of absolute readings. Difference measurements show excellent repeatability.

Note: If this is the first time using EZMQC software, please refer to EasyMatch QC user Manual.