

# Addendum to ColorQuest XE, ColorQuest XT, UltraScan XE, UltraScan PRO, and UltraScan VIS User's Manuals

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## Description

CMR 2717 provides a holder for 4" x 4" square samples (such as Taber-abraded samples) at the transmission port of a ColorQuest XE, ColorQuest XT, UltraScan XE, UltraScan PRO, or UltraScan VIS. This holder is a modification of the standard transmission clamp with a spindle for securing and rotating the sample using a hole in its center.

## Installation

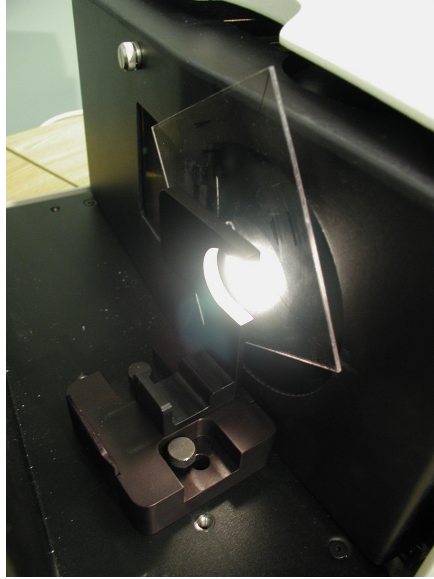
Install the modified holder as follows:

1. Position the holder so that the curved clamp opening is aligned at the opening of the sphere at the front of the transmission compartment. The inner curvature of the clamp should align with the outer curvature of the sphere.
2. When properly aligned, the holes in the bottom of the holder will align with holes in the floor of the transmission compartment. Place a thumbscrew in each of the holes and tighten the screws until the holder is secure.

## Operation

To operate the modified holder,

1. Standardize the instrument in TTRAN mode for the large area view. You may standardize with the holder in place.
2. Pull back the spring-loaded clamp and slide your sample between the holder and the transmission compartment.
3. Align the hole in the sample with the spindle on the holder and press the sample toward the holder until the spindle holds the sample in place by the hole. Release the clamp.



4. Close the transmission compartment door if possible for the current sample orientation.
5. Read the sample.
6. Rotate the sample around the spindle, close the transmission compartment door, and read it again.
7. Continue to rotate and read the sample the desired number of times. Averaging at least six readings is recommended.
8. Remove the sample from the transmission compartment.