

PELCO® Fortress Holder™ & PELCO® Fortress Sample Loader™

Product No. 15484, 15484-1

INTRODUCTION:

By using the PELCO® Fortress Sample Loader™ (15484-1), FIB grids can easily be loaded into the PELCO® Fortress Holder™ (15484) and stored for later use.



Figure 1: PELCO® Fortress Sample Loader™ with angled edge on work surface



Figure 2: PELCO® Fortress Holder™ seated in PELCO® Fortress Sample Loader™ ready to load



Figure 3: FIB Grid loaded and clamped into PELCO® Fortress Holder™

PROCEDURE:

1. Place the angled edge of the PELCO® Fortress Sample Loader on a flat work surface (refer to *Figure 1*).
2. Grasping the PELCO® Fortress Sample Loader™ in one hand, rotate the clamping screw clockwise with the other hand to open the clamp.
3. Place the pin of PELCO® Fortress Holder™ in the PELCO® Fortress Sample Loader™ with the clamping screw facing down. Rotate the set screw on top of the PELCO® Fortress Sample Loader™ to lock the PELCO® Fortress Holder™ in place (refer to *Figure 2*).
4. Using tweezers or a vacuum pick-up tool, place the grid in the clamp area with the rounded edge in the groove. Align the grid so the posts are parallel and perpendicular to the holder. A low-magnification microscope can help with this step.
5. Grasping the PELCO® Fortress Sample Loader™ in one hand, rotate the clamping screw counter-clockwise with the other hand to close the clamp. If you are unable to loosen the clamping screw, loosen the set screw slightly and rotate the PELCO® Fortress Holder™ to get better access to the clamping screw being careful not to disturb the FIB grid. Loosen the set screw from the top of the PELCO® Fortress Sample Loader™ and remove the PELCO® Fortress Holder™ (refer to *Figure 3*).