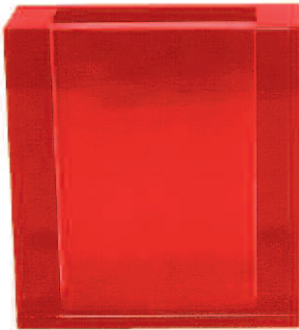


# **PELCO® Grid Staining System**



Designed to handle up to 25 grids at one time, it has the following features:

- greatly reduces the chance of mechanical damage
- ensures equal staining and rinse times
- has a simple alpha-numeric system for easy identification

The plastics used are not acid resistant and the staining vessels are designed for aqueous solutions. Note: Do Not use alcohol based stains, they will damage or destroy the staining vessels. One vessel could, for example, be used for uranyl acetate and the other one for lead citrate.

### Volumes of stain required:

21 - 25 grids .....	11ml
16 - 20 grids .....	9ml
11 - 15 grids .....	7ml
06 - 10 grids .....	5ml
01 - 05 grids .....	3ml

### How to use:

- Clean each piece before use. Flush with hot soapy water then rinse thoroughly.
- Remove the cover from the body and load the number of grids to be stained into the wells. Start with the bottom row and fill completely before moving to the next row.
- Slide the cover over the body until the handle on the cover engages with the retaining pin on the handle of the body. You may need to gently lift the cover handle so that it will slide over the retaining pin and lock.
- Place the Matrix into an empty staining vessel. Add the appropriate volume of stain for the number of grids to be processed by allowing the stain to flow down the inside of the vessel, using a pipet or similar tool. If air is trapped within a grid containing well it is easy to remove by moving the Matrix to the front of the staining vessel and then quickly to the back. This will pull the trapped bubbles out of the wells. Be careful not to spill reagents during this process.
- Rinsing of the grids can be done in a beaker or similar vessel (not provided).

### Ordering Information:

- 22510** PELCO® Grid Staining System  
includes Matrix with Cover and 2 Staining Vessels (red & blue)
- 22510-1** Matrix Body with handle and cover
- 22510-2** Staining Vessel, 1 red and 1 blue
- 22510-2B** Staining Vessel, blue, each
- 22510-2R** Staining Vessel, red, each