

## Grid Staining Matrix System

AGG3756



Designed to handle up to 25 grids at one time or as few as a single one. The Matrix 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 of each grid.

The plastics used are not acid resistant and the staining vessels are designed for aqueous solutions or stains dissolved in either ethanol or methanol. The 22510 Grid Staining Matrix System consists of four components: The Staining Matrix Body with handle; Matrix cover and two Staining Vessels.

Volume 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:

**A.** Remove the cover from the body and load the number of grids to be stained in the wells in the body. Start with the bottom row first and fill completely before moving to the next row.

**B.** 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 with a fingernail so that it will slide over the retaining pin and lock.

**C.** Place the Matrix into an empty staining vessel. Add the appropriate volume of stain for the number of grids being processed by allowing the stain to flow down the inside of the vessel, using a pipet or similar tool. To remove trapped air in a grid containing well, move the Matrix forward and then backward in the staining vessel. This will pull the trapped bubbles out of the wells. Be careful not to spill reagents during this process.



**D.** Rinsing grids in the Matrix can be done in beakers or by using the staining vessel after it has been cleaned.