



Automated Slide-Based Assay Setup using VERSA™ Workstations

Liquid Handling - Application Note

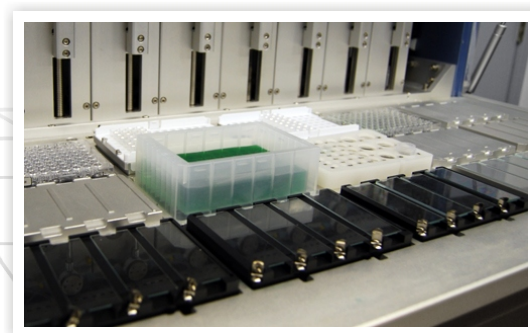
Pipetting biological samples is a tedious, error-prone process that can lead to accidental exposure to infectious pathogens. Slide-based assays may involve various wash steps using Coplin jars filled with wash buffers, reagent additions and slide staining.

Aurora's VERSA™ Mini and VERSA 1100 workstations can both be equipped as fully automated slide processors. Each workstation is capable of providing true 'walk-away' automation for these assays. These workstations' proven liquid handling technology provides reliable performance. Each system carries out slide-based assays into designated wells or onto the general surface of the slide.

A user-friendly software package allows the user to select and save unlimited assay protocols and sequence steps. Patient ID information may be uploaded into the software using the optional barcode scanner. Sequence information may then be exported for future use. Step-by-step instructions guide the user through loading samples, slides and reagents onto the workstation. A running task list highlights sequence progress in real time.

VERSA Mini Workstation

VERSA 1100 Workstation



NOTE: Instrument specifications may change without notice as an ongoing effort of product improvement.

FEATURES

- **Deck capacity:**
VERSA Mini has 16 slides on 4/8 deck positions
VERSA 1100 has 52 slides on 13/15 deck positions
- **Liquid handling module:**
VERSA Mini - Single channel SyringePipettor with tip changer and two channel ReagentDrop for bulk dispensing
VERSA 1100 - Single channel SyringePipettor with tip changer and five channel ReagentDrop for bulk dispensing
- **Electronically controlled reagent cooler block** ensures reagent quality and duration
- **Automated slide washing** ensures quality results
- **Optional manual barcode scanner** allows user to rapidly enter patient sample information
- **Customized HEPA / UV / Fluorescent light enclosure** minimizes contamination and protects slides
- **User friendly software** for programming and processing slide based assays, reagent addition, plate reformatting & master-mix preparation

ASSAY APPLICATIONS

- Diagnostics & Identification
 - ELISA (Enzyme-linked immunosorbent assay)
 - ANA (Antinuclear antibody assay)
 - Histological assay
 - Immunohistochemistry assay
 - Cytological assay
 - QuantiGene assay
 - Sperm HY-LITER assay
- Standard Biological Assays

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