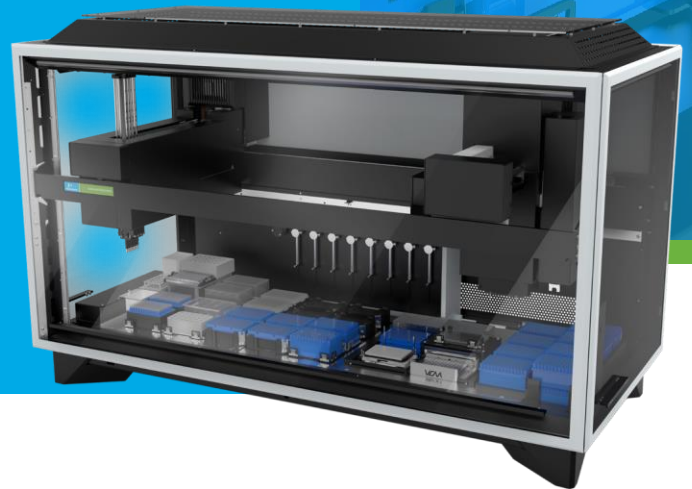


ENHANCED AUTOMATION WORKFLOW FOR NGS LIBRARY PREP

Fontus™ Automated Liquid Handling Workstation

The Fontus™ liquid handling workstation is a next generation liquid handler which combines the best technology from our existing platforms and incorporates numerous improvements to make your workflows easier and faster while delivering better results.

- Improved usability
- Advanced liquid handling capabilities
- Enabled sustainability
- Customizable to your assay needs



Optimized NGS Configurations

Available in two configurations with 96 or 384 sample pipetting options, both optimized for NGS applications. Fontus NGS workstations offer an integrated on-deck thermocycler, peripherals and UV light and allow for fast NGS library prep start up using pre-developed, vendor-qualified library prep methods.

Improved Usability

Customers will be greeted by an all-new enclosure with greater deck access and improved ergonomics, along with updated safety guarding and a new front and side door design, all in a smaller footprint. The Fontus workstation features the proven Varispan high performing pipetting arm and integrates the high precision, partial tip loading, 96 or 384 fixed-array Sciclone® head.

Advanced Liquid Handling Capabilities

Plate handling can be done by the integrated array-head gripper or an optional paddle gripper on the Varispan arm. Numerous other features and design elements such as fine-tuned tip alignment, static clean option, integrated enclosure, upgraded error handling, and more, were implemented to increase reliability, performance, and to reduce start-up time.

Enabled Sustainability

Gone are the days of relying on external robots to supply pipette tips, thanks to the intuitive design of the off/on-deck stacked tip storage system and with separate waste chutes designated for biohazard and box materials, customers can now easily collect and recycle the used tip boxes.

CUSTOMIZABLE TO YOUR ASSAY NEEDS

Additionally, the Fontus workstation is available as a custom-tailored liquid handler to meet your individual assay needs with respect to deck size, storage, peripherals, barcodes and more.

Fontus Workstation Features:

- Varispan 8-tip pipetting arm with disposable or fixed tips and system liquid dispensing option
- 96 or 384 array head pipetting arm with partial tip loading capability for accurate small volume pipetting or miniaturization down to 500 nL
- Overlaid labware easily defined and modified in the software
- Integrated labware gripper on array head
- Optional paddle gripper for Varispan arm
- Wide variety of compatible pipette tip sizes and with or without filters
- Integrated UV light
- Dual waste chutes
- Off/on deck stacked tip box storage
- Additional off deck locations for wash bowl, tube, reagent trough
- Improved ergonomics with much greater access to deck
- Redesigned for improved serviceability
- Integrated enclosure for faster set-up/install
- New side door design offers effortless integration access
- Available in fixed NGS configurations with vendor qualified NGS library assays
- Standard and Expanded size options
- Smaller footprint than previous models

For more details, visit www.dmarkbio.com



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