

NGS library prep workstation, 10/13

Next-generation sequencing technologies have become faster and more efficient while library preparation remains a bottleneck. Laboratories require high-throughput, high-quality, stable, clinically relevant, and reproducible sample preparations. Solutions to these problems must not only solve time constraints but do so without the human errors associated with manual methods.

Aurora Biomed's VERSA 1100 next-generation library preparation workstation has a flexible, open design for magnetic bead or column-based purification for nucleic acid preparation, DNA size selection, and post-PCR purifications. The bead mixer offers efficient mixing with minimized dead space for volumes as small as 500 µL, and the workstation features precise and accurate liquid handling with a volume range of one to 1,000 µL. With up to eight reagent drop channels, the bead mixer, and a 96-channel aspirator to speed up the removal of supernatant, VERSA provides an economical way to minimize the waste of costly reagents.

Additional features include a two-dimensional bar-code scanner for sample traceability, easy-to-use customizable drag-and-drop operation interface, and technical support.

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