

Low-capacity automated sample management system, 2/17

February 2017—Hamilton Storage introduced its SAM HD, a low-capacity automated sample management system that aims to be a reliable, walkaway solution for labs seeking to transition from manual to automated sample storage. Models are available for storing samples at +4°C, –20°C, –40°C, and –80°C, with capacity up to 60,000 tubes in standard racks or 86,250 tubes using the company's SBS-compliant, high-density RackWare racks. SAM HD is easily programmed, including chain-of-custody permissions, via a user-friendly touchscreen PC monitor with Instinct S software. This integrated software is standard across all Hamilton Storage platforms, compatible with Microsoft Windows 10, and integrates with LIMS systems.

Up to six different tubes with the same diameter can be stored together to accommodate varying sample collection workflows while maintaining secure sample documentation and tracking. This variety of labware can also be picked without the tooling changes and without compromising the integrity of unpicked samples, according to a company statement. A high-quality camera provides a wide field of view to save time during picking. SAM HD is suitable for automated sample storage in biobanking, forensics, drug discovery, life science, pharmacogenomics, and more.

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