

REMP Automated Sample Stores

Small-Size Store™ (SSS)

The REMP Small-Size Store™ (SSS) is a fully automated sample storage and retrieval system that fits perfectly into any research laboratory. The REMP SSS™ complements existing sample storage systems and is an ideal entry-level storage solution, which includes the innovative REMP Tube Technology™, for applications in pharmaceutical, agricultural, biotech or other Life Science research.

Previously, the high quality REMP sample processing and storage concepts had been restricted to large research facilities with very demanding capacity and throughput requirements. Now, with the new Small-Size Store™ (SSS), smaller research operations no longer need to compromise sample integrity during storage and can benefit from more efficient sample logistics from the inherent design of the REMP Tube Technology™.

REMP Tube Punching Technology™

The unique «punching» technique, where individual tubes are directly transferred from storage tube racks into delivery tube racks for collecting and reformatting, greatly reduces handling error rates because the transfer is performed by a single axis movement. This technique is faster and more reliable compared to conventional pick and place methods. Eliminating potential cross-contamination or dilution-effects, often seen with samples undergoing traditional liquid transfer, is accomplished with REMP's «Cherry-picking», which can be done at storage temperatures down to -20°C .

Multi-purpose

In addition to REMP's Tube Technology™ consumables, the REMP SSS™

can store and retrieve numerous other microplate types, which conform to the ANSI/SBS Microplate Standards, such as those used for temporary storage of prepared mother plates for screening.

Features and benefits:

- Proven technologies, easy to install and fits in every lab
- Cherry-picking occurs within the environmentally controlled storage system – no freeze/thaw cycles on samples
- Typical storage temperatures include: -20°C , -5°C or $+4^{\circ}\text{C}$
- Easy to install and use Control Software (PC based)
- Capacity is scalable by adding expansion units
- Consumables can be loaded/unloaded

manually or the store can be integrated with any automated system

- Compatible with REMP Sample Administration Software (SAS) or can be integrated with other software via REMP's Open Data Interface (API)
- Ideal access for service and maintenance



