

Features and Benefits

- Can be used within a wide temperature range:
-20°C to +30°C, max.
50% rH
- Reconfiguration for different tube formats
- Standalone use or easily integrated into fully automated system
- Includes easy to install and use software (Windows)
- Processing of tube orders directly from simple ASCII text files generated by a user or other data sources; such as a LIMS
- Creation of an ASCII text file of tube collection order
- Option: Barcode scanner for manual tube rack verification

Automation of sample management brings great advantages in sample tracking, sample integrity, processing throughput and turnaround time.

The REMP[®] Tube Punching Module[™] (TPM) brings the benefits of automation of sample management where costs and space are limited.

This easy-to-use tube transfer device works with all of the REMP 96 and 384 Tube Technology consumables; it can quickly and reliably re-array and reformat tubes through a unique "push through" technique. The REMP TPM functions as a standalone instrument or it can be integrated into many automated systems.

Sample Integrity and Sample Tracking

REMP Tube Technology offers significant sample integrity improvements over selecting samples with a pipette and also over other tube and cap systems. The REMP TPM enables laboratories to use REMP Tube Technology where the cost of a fully automated store cannot be justified or where full automation is still some way off.

Operation down to -20°C means that unwanted freeze thaw cycles can be eliminated.

Automated tube selection has obvious benefits, over manual tube picking, of error free operation and a data log detailing each tube transfer.

Reliable Operation

The TPM employs the same patented tube punching technology that is implemented on Brooks stores. The source rack is located above the destinations rack and the selected tube(s) are pushed through from source to destination rack. This simple method is renowned as the most reliable tube picking method in the World.

Integration Options

Operates standalone or integrated into other software and hardware systems.

Scalable Automation

For many laboratories the TPM allows a cost effective solution for small sample collections and/or to enable efficient operation of a sample management library at the early stages of sample acquisition. As the operation grows then often the case can be made for the investment in a fully automated store. Once the new store is installed the transition to fully automated operation is made much easier because right from the start good practice has been used and the sample collection is already in an automation friendly format together with the associated sample tracking data.



Specifications

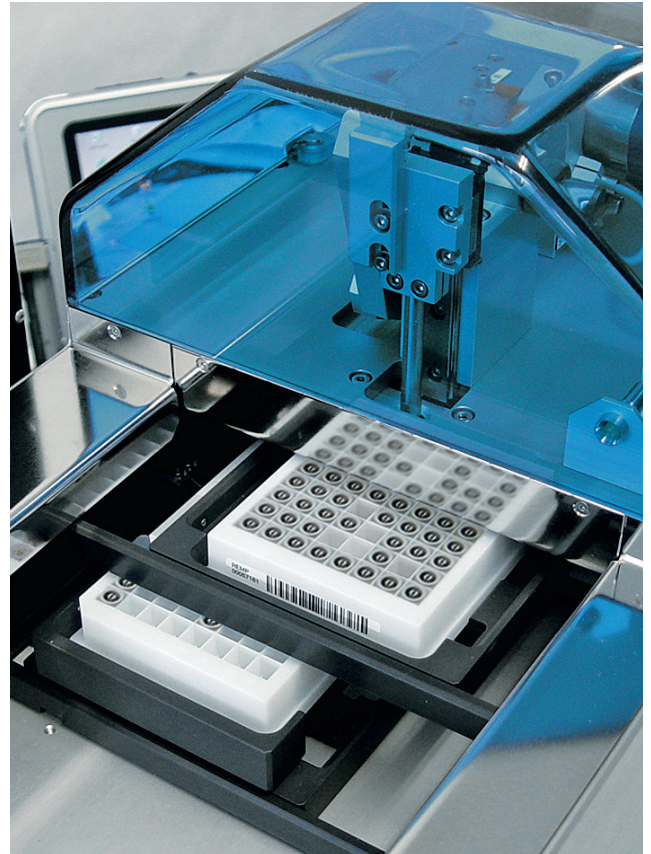
- Dimensions: 18.5" (L) x 10.32" (W) x 11.54" (H) / 470mm (L) x 262mm (W) x 293mm (H)
- Weight: 35lbs. / 16kg
- Electrical: 100–240V AC, 47–63Hz, 125W
- External current adapter creates 24V DC (working voltage for TPM)
- IP20 – protective system

Supported Tube Formats

- REMP Tubes 384: sealed 40µl
- REMP Tubes 96: capped 200µl, sealed 300µl
- REMP Tubes 96: capped 800µl, sealed 900µl

Easy Integration

The TCP/IP based control software of the REMP Tube Punching Module allows for easy integration with many robots typically used in laboratory automation.



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