

REMP

Sample Management Technologies

The portfolio of REMP products and services covers all aspects of sample management – from preparation to storage and delivery. Working closely with world leading Life Science companies, REMP has developed many unique technologies to overcome the shortcomings of conventional sample management methods.

Applying the REMP Technologies, which includes consumables, devices, systems, software and services, to sample management offers the following benefits:

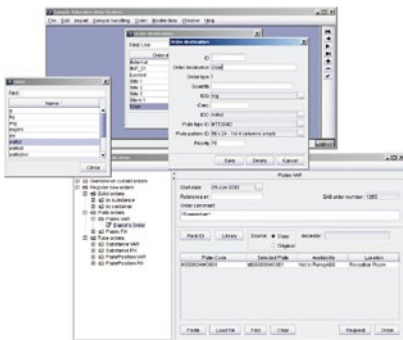
- Higher sample processing reliability
- Greater sample integrity
- Faster access to individual, ready-to-use samples
- Full sample traceability
- Lower total cost of sample storage and processing
- Global sample accessibility
- Secure investment

Comprehensive Services

REMP also offers a suite of comprehensive services designed to improve upon your sample management needs. We offer consulting services to help our customers find the best sample management solution for their specific needs and requirements. By analyzing their current sample management process flow, we are able to optimize it for the future, as well as, offer solutions that are modular and scaleable that can adapt with upcoming changes and challenges within your organization. Our experienced project managers will ensure the

success of implementing any of our powerful technologies by controlling all aspects of a project from initial definition to installation and final acceptance stages.

Since many of our systems are the back-bone of a 24 hour, 7 day operation, the REMP service and support organization strives to ensure that all of our systems perform accordingly with high reliability and availability. Preventive maintenance is one measure that is carried out in accordance with predefined schedules to ensure that the systems will continue to perform highly.



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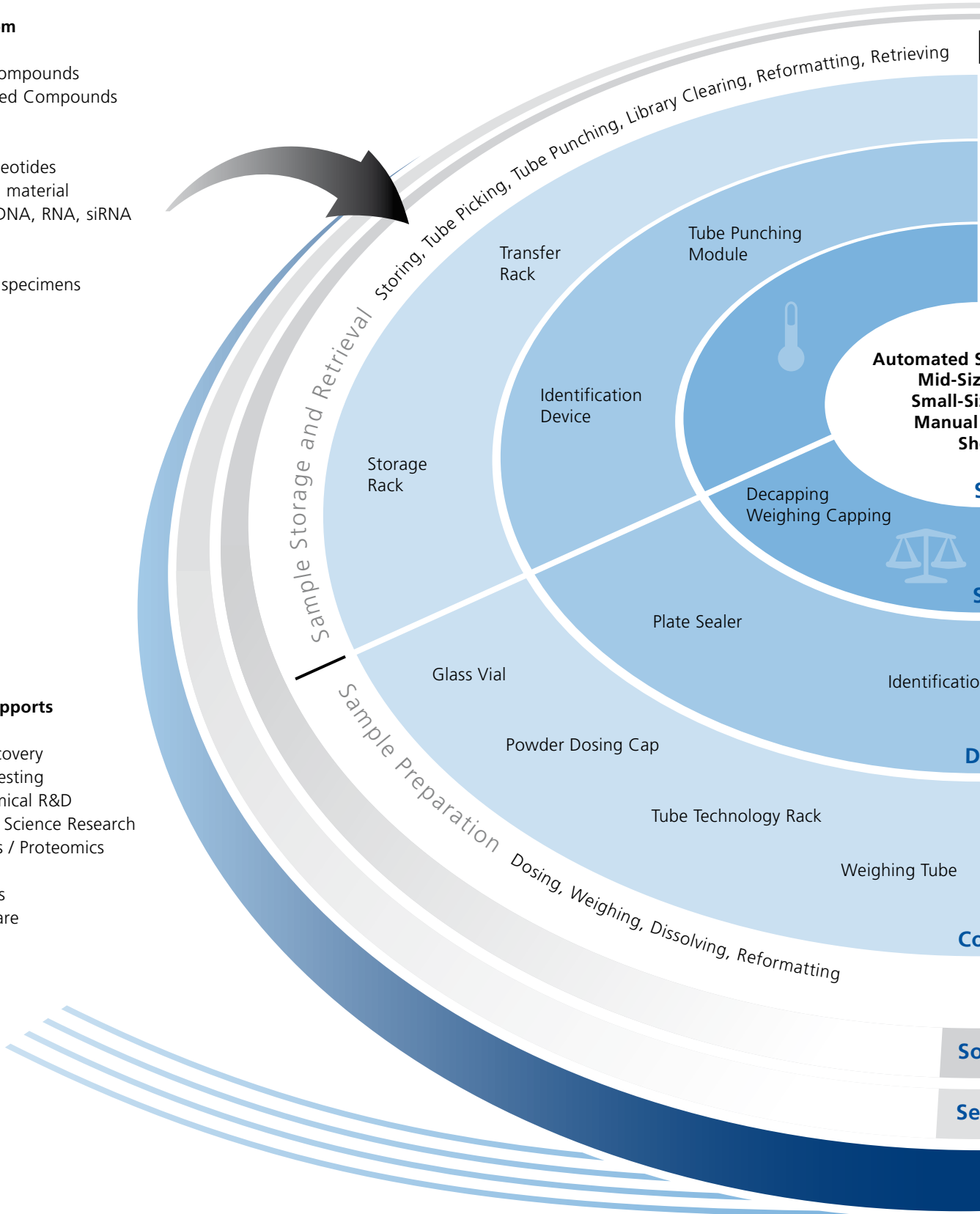
Technology Overview

Input from

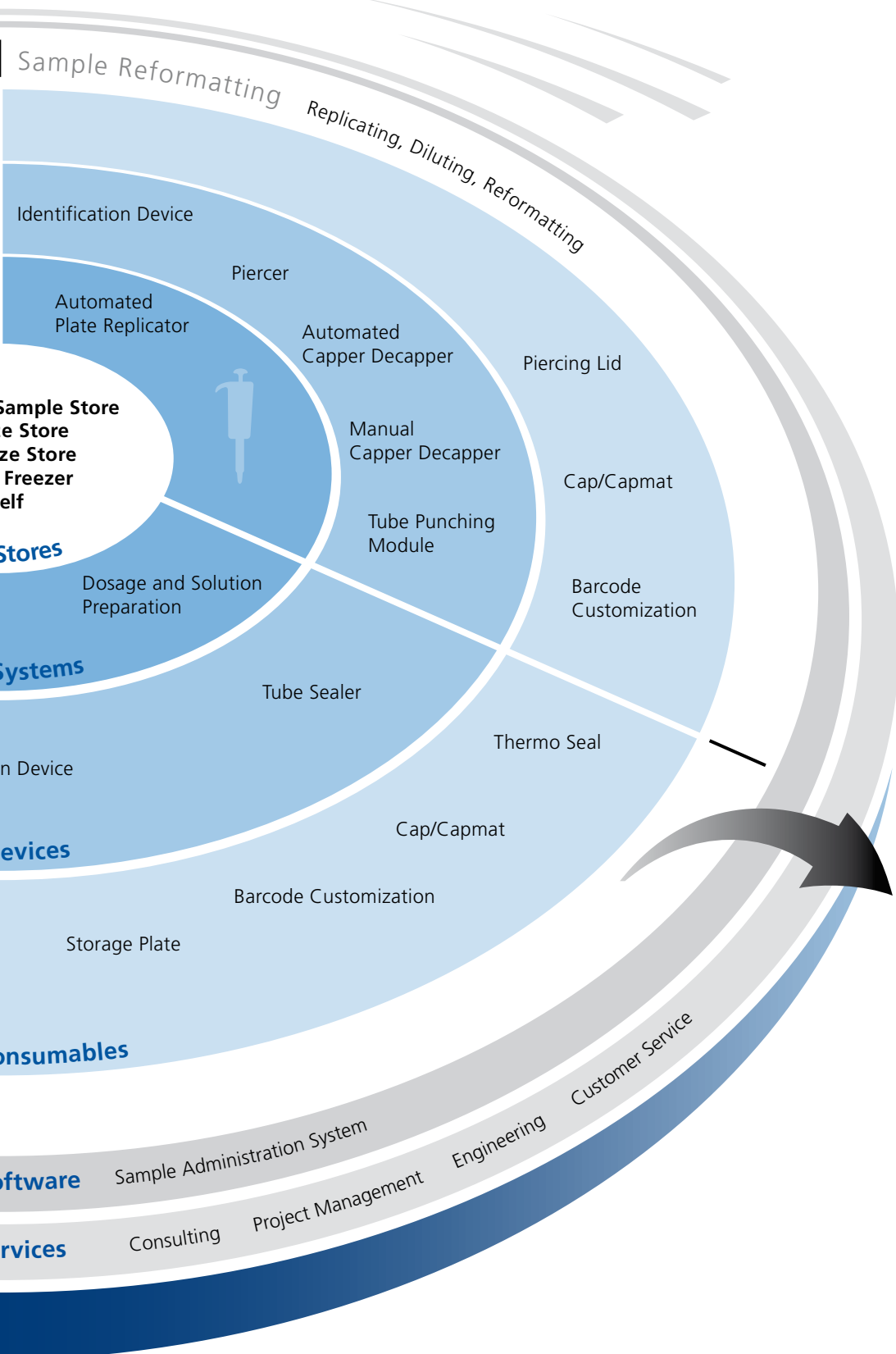
- Natural compounds
- Synthesized Compounds
- Reagents
- Enzymes
- Oligonucleotides
- Biological material
 - DNA, cDNA, RNA, siRNA
 - Tissue
 - Cells
 - Clinical specimens

REMP Supports

- Drug Discovery
- Clinical Testing
- Agrochemical R&D
- Basic Life Science Research
- Genomics / Proteomics
- Forensics
- Cosmetics
- Health Care



Accelerating Research



- Output for**
- Lead generation
 - Primary to focused screening
 - Secondary screening
 - Lead optimization
 - Dose response, IC50
 - ADMETox
 - Sequencing
 - Analytics
 - HPLC
 - NMR
 - LC-MS
 - Biomarker analysis

| REMP Tube Technology™

The unique REMP Tube Technology™ offers unbeatable advantages:

Higher sample integrity

Minimizes or eliminates liquid handling steps

- No dilution effects
- No potential carry-over
- No water uptake
- No disposable tips or wash cycles
- No loss of sample

Avoids unnecessary freeze/thaw cycles

- No stress on the samples
- No solubility issues

Permanent protection with thermo-seal or cap

- No water uptake
- No oxidation
- No evaporation
- No variation of concentration

Most reliable robotic handling of samples

Tube Transfer is done with only one moving axis

- No multi-axis "pick-and-place" robotic arm
- No tube gripping errors
- Fast access to individual tubes

Tube is continuously guided by the rack during transfer

- Impossible for tube to be lost
- Position of tube is always known

Sample handling in a standard microplate format

Footprint of REMP racks complies with ANSI/SBS Microplate Standards

- Compatible with standard laboratory equipment

Selective handling of samples

Remove obsolete samples

- Undesired samples are retrieved and permanently removed

Reformat library at individual sample level

- No waste of space
- Create focused libraries

Full traceability of samples

Software controlled and logged tube transfers

- Full sample history

Closed loop control of all axes

- No miss-positioning

2D DataMatrix coding for reliable identification

- Positive tube identification even after manual or off-site transfers
- Industry standard code

Increased access area to sample

Tube fully opened after seal piercing with piercing lid or after removal of caps

- No carry-over risk between septum and tip
- No damage of tip coating
- Enables use of disposable tips



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