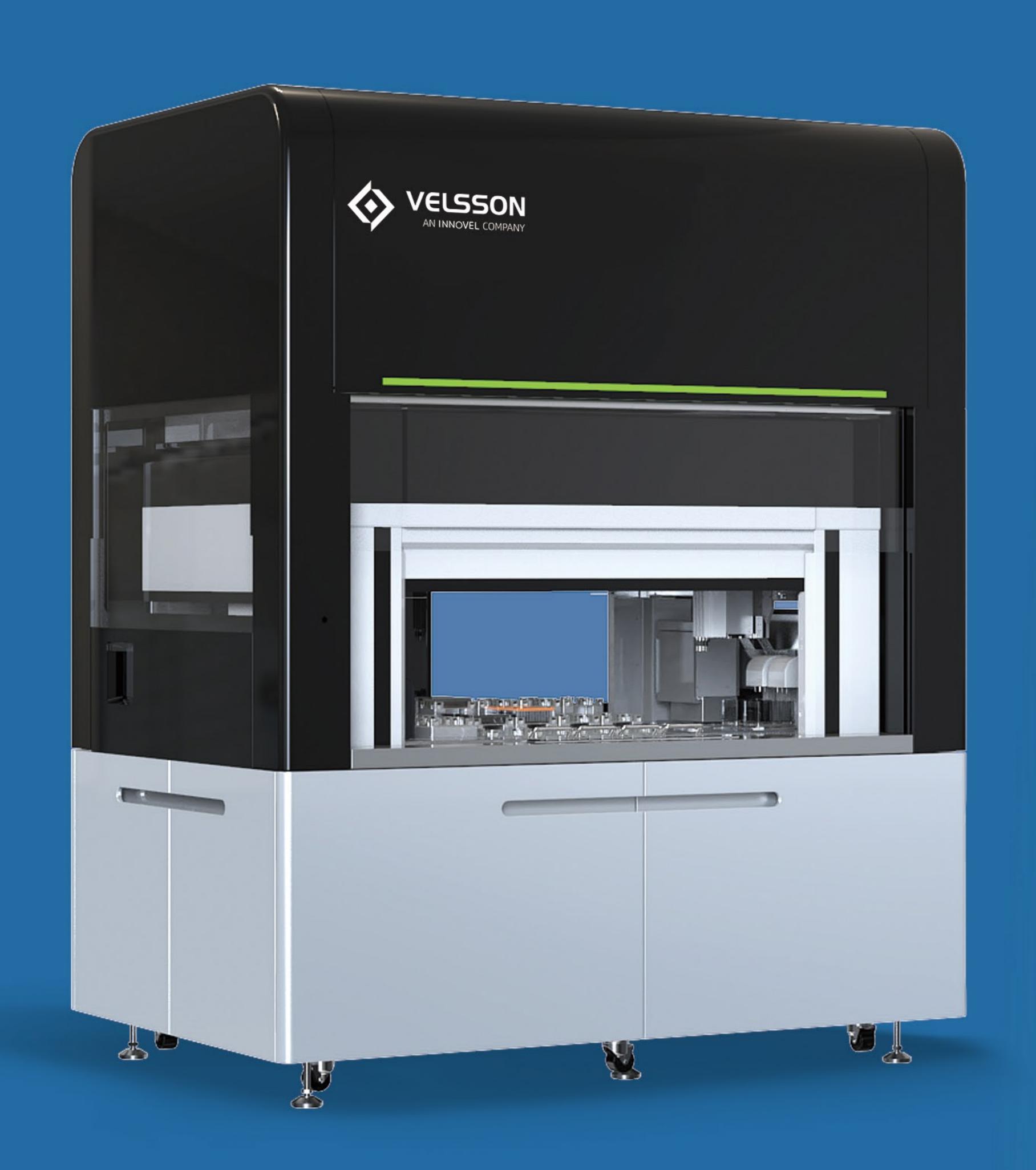Tailored Workflows

Accelerated Breakthroughs

Reliable & Compliant

Uncompromising Precision

Optimized Value

Partner-Driven Success and Integrity

INNOSMART® SFS

Smart Fluid Station

INNOSMART® Smart Fluid Station (SFS)

INNOSMART ® SFS

INNOSMART® SFS is a cutting-edge modularized fluid solution designed to redefine precision and efficiency, offering unparalleled accuracy, versatility and customization.

5 8-channel Pipetting Module
· Independent spacing control between channels
· Automatic liquid detection and tracking

1 Conveyor Module
· Easily integrates with the SFS module and a diverse array of devices and accessories
· Streamlined, automatic cleanup of consumables for enhanced efficiency
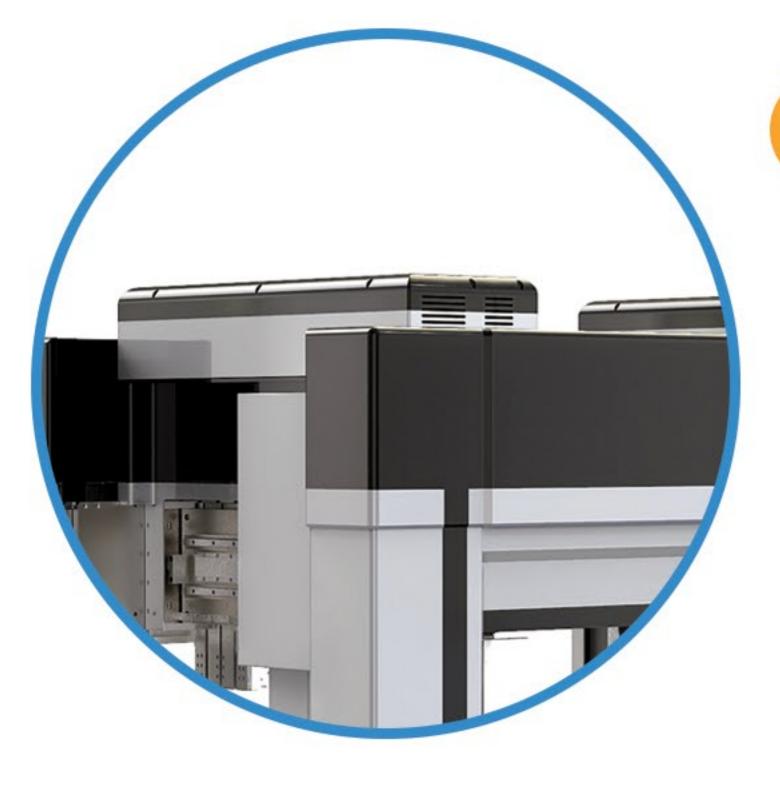· Ensures a clean environment, guaranteeing superior and reliable results

6 96-channel Pipetting Module
· Automatic liquid detection and tracking
· High precision in dispensing with dynamic range of volumes between 1 – 1,000 μL

2 Consumables Module
Intuitive and convenient system for easy loading & unloading of consumables

7 Shaker
Orbital shaking module equipped with a versatile 0–1,500 rpm range of shaking capabilities and precise temperature control spanning from 0℃ – 95℃

3 Pumping Assembly
Precise and smooth automatic pumping and liquid control system

8 Robotic Gripper
High speed versatile robotic gripper with unequaled precision and movement

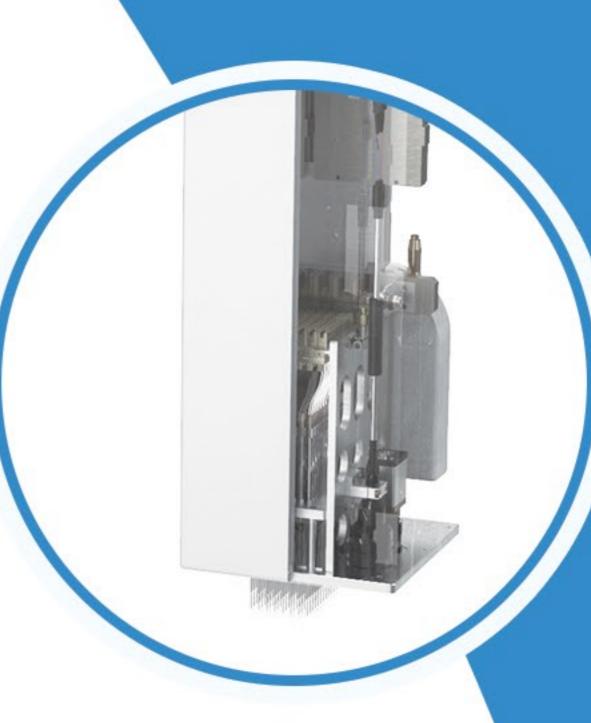**4 Pipetting Motion Module**
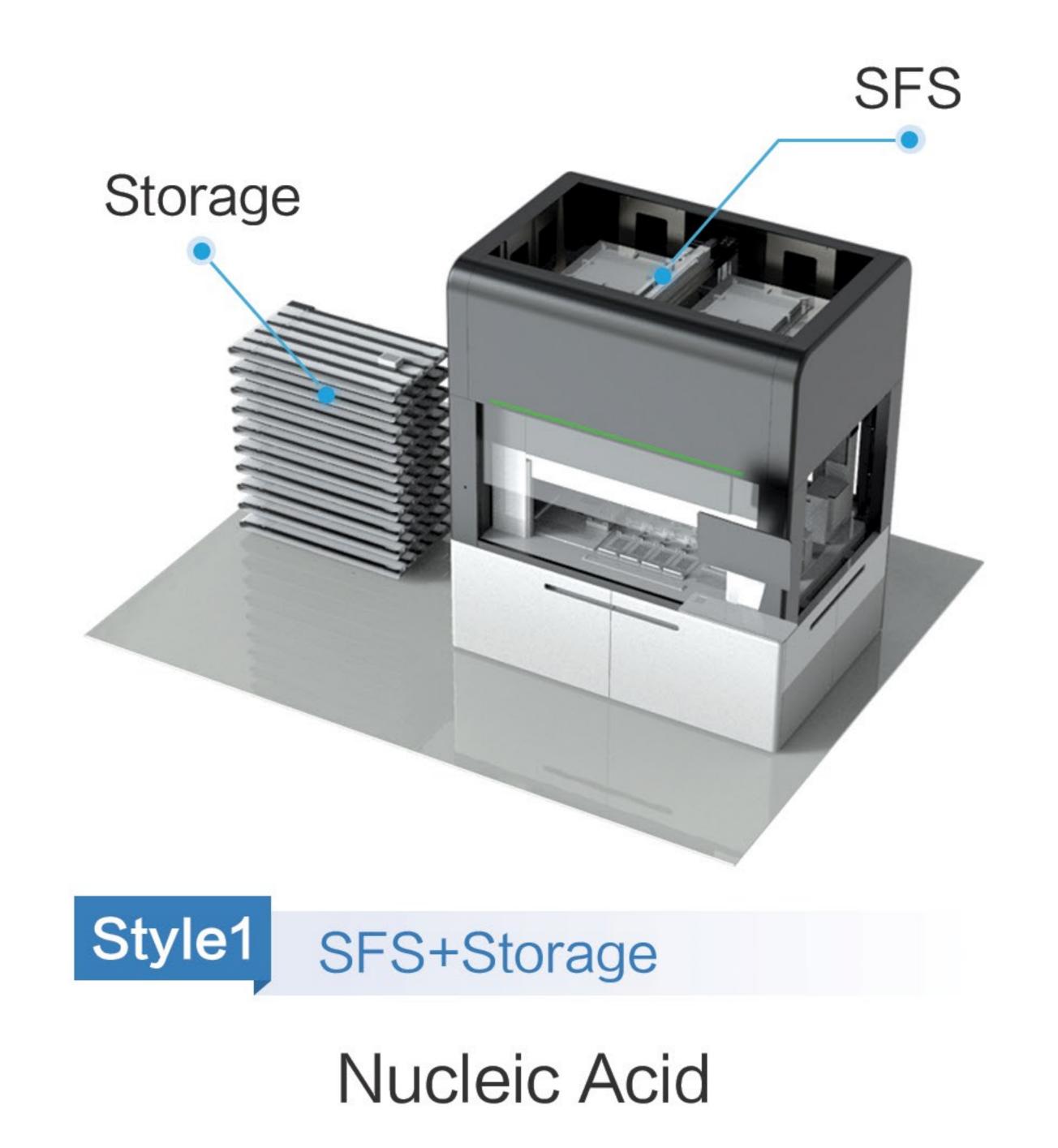Unparalleled high-velocity robotic gripper and pipetting modules (96- Channel & 8 - Channel options)
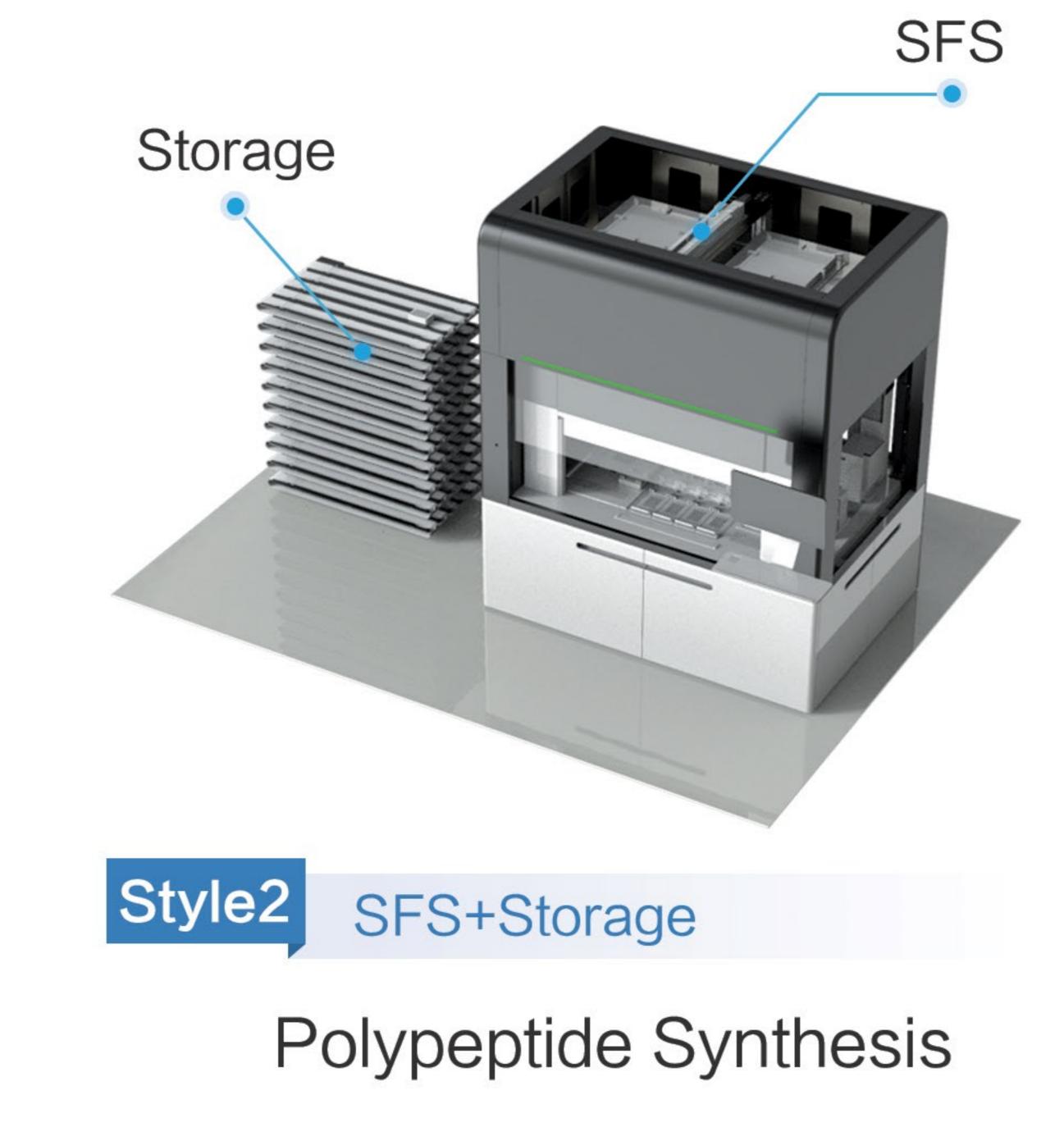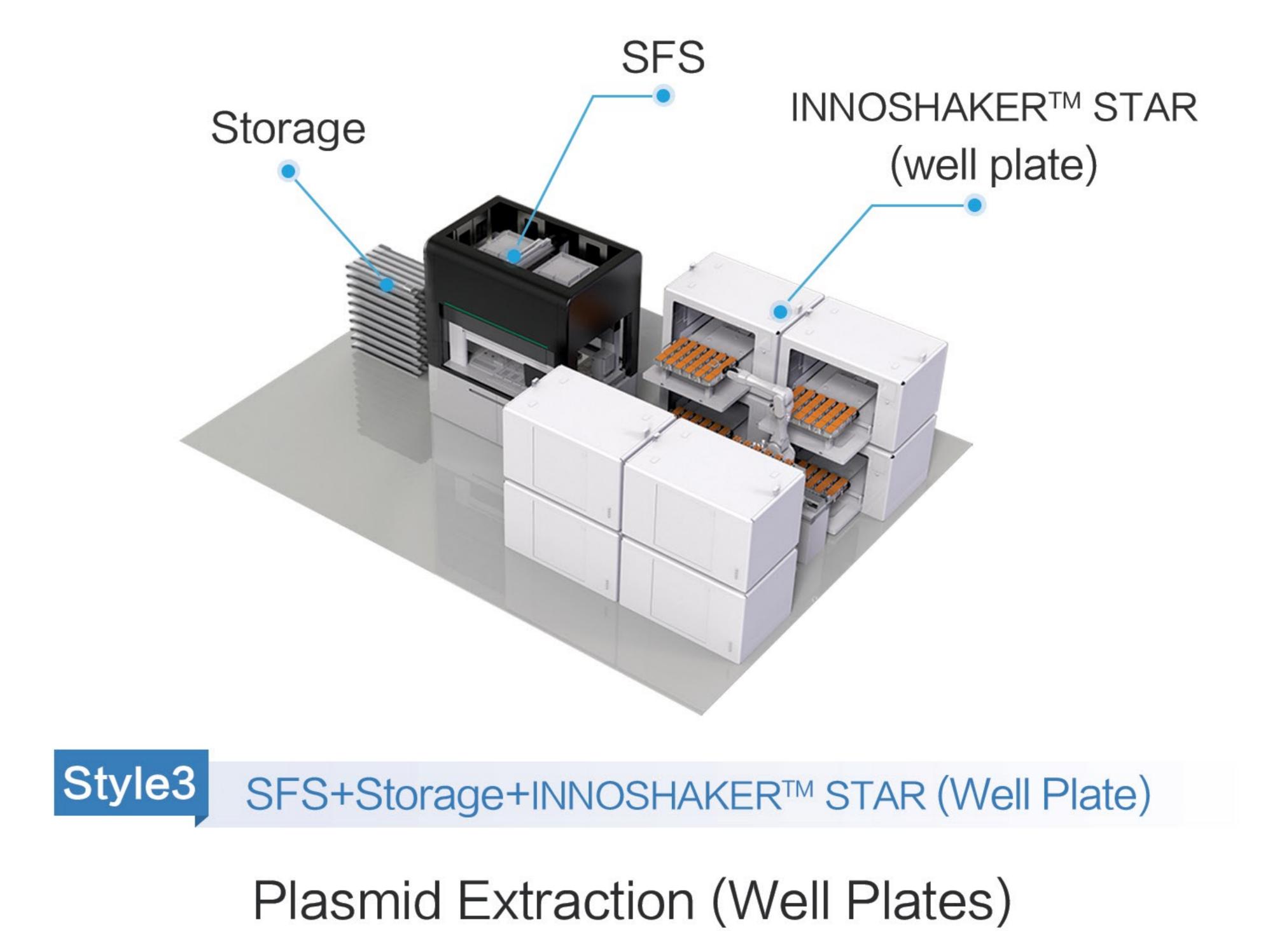
9 Temperature Module
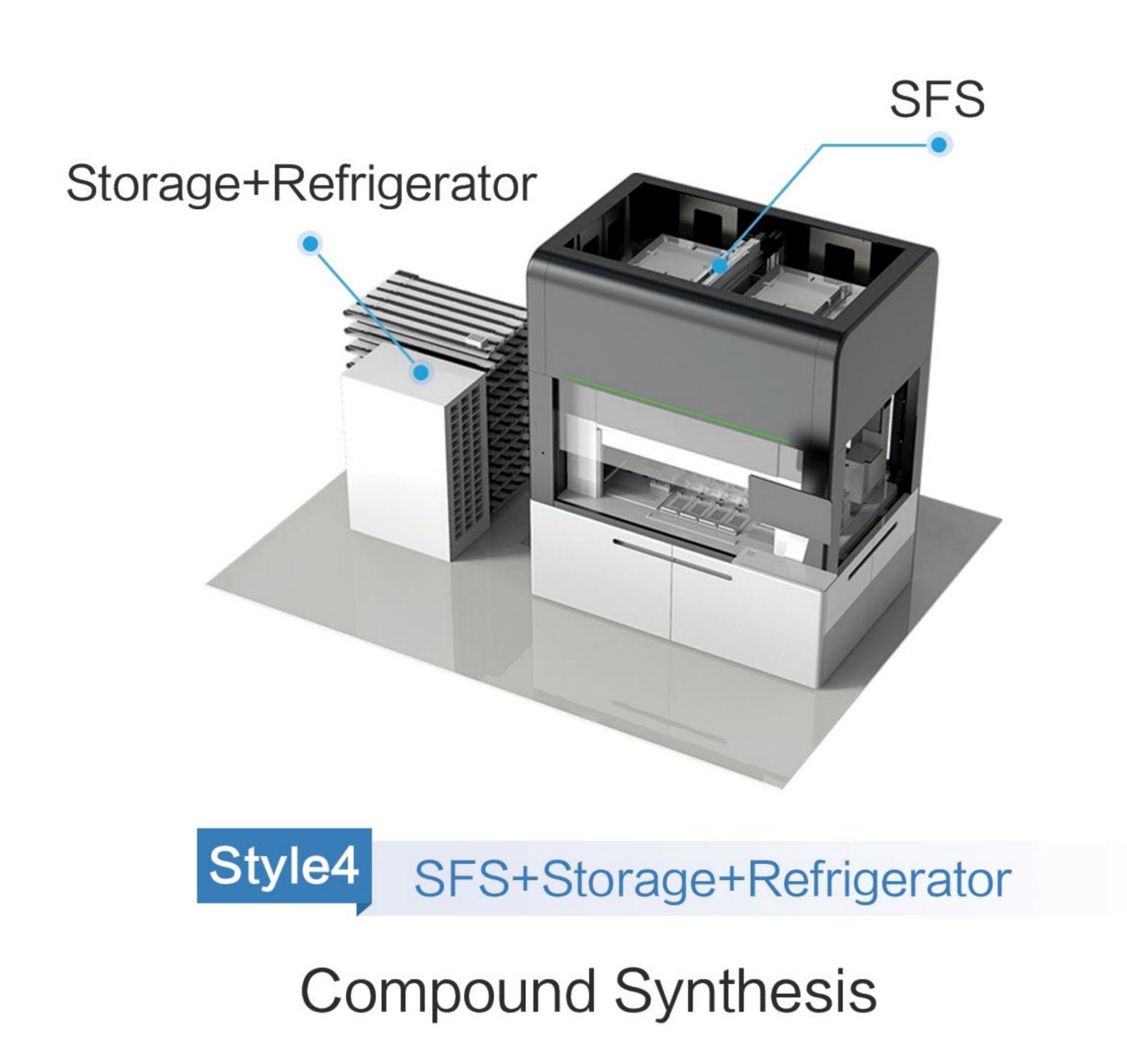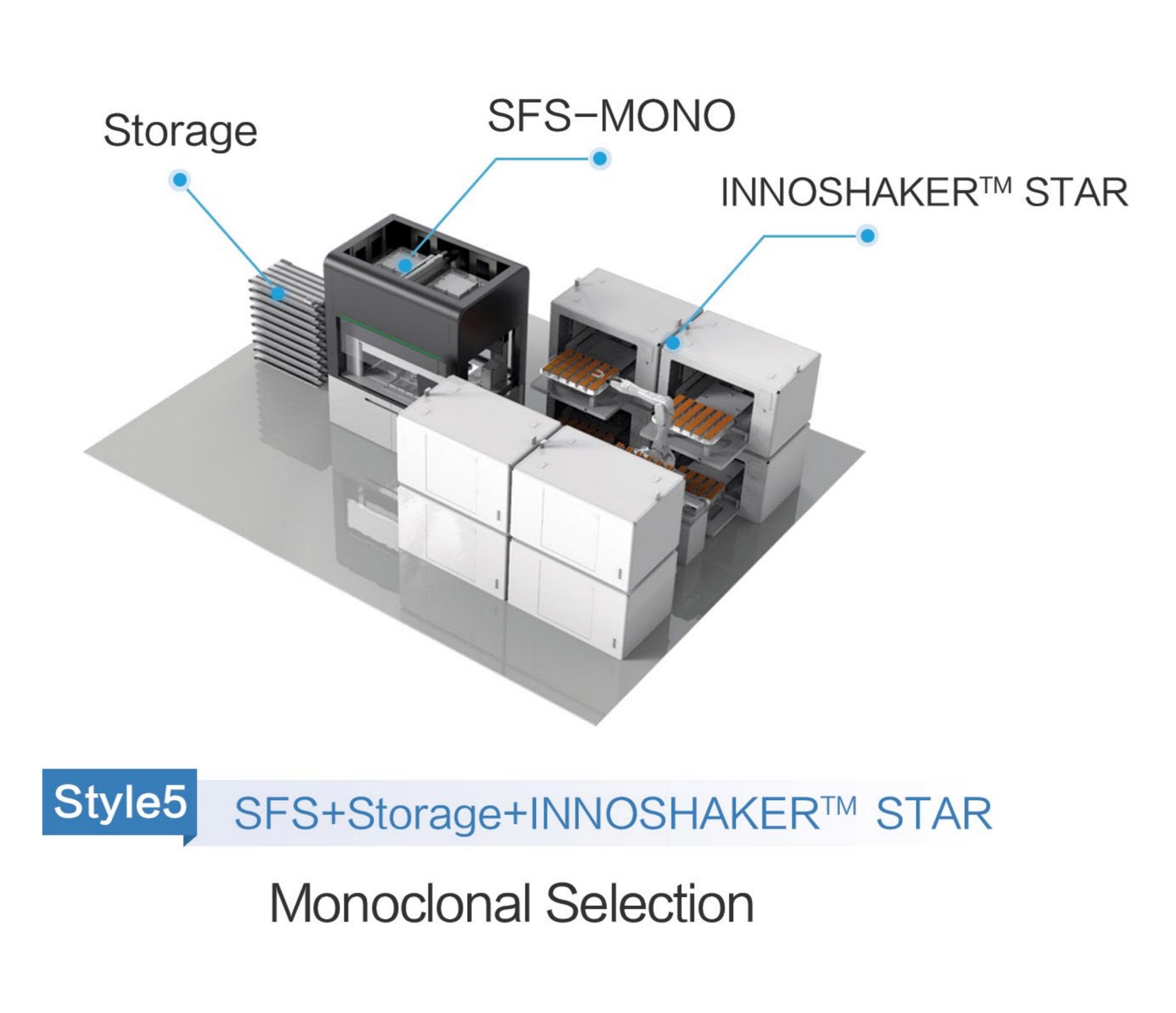A flexible and space-efficient module offering precise temperature control across a broad range from 0℃ – 95℃

Pre-Configured Application Systems
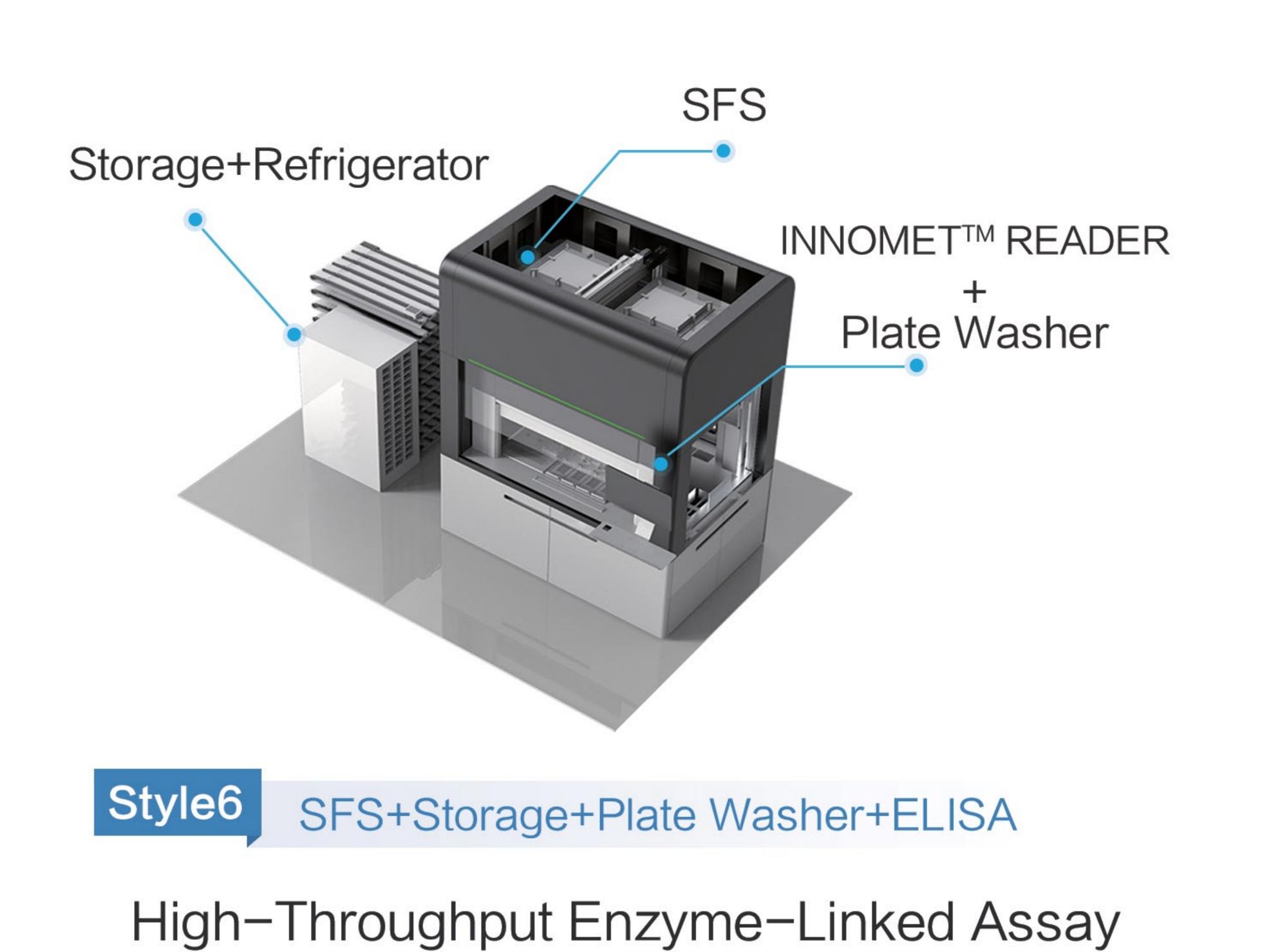
More than 30 applications

Storage — SFS

Style1 SFS+Storage

Nucleic Acid

Storage — SFS

Style2 SFS+Storage

Polypeptide Synthesis

Storage — SFS — INNOSHAKER™ STAR (well plate)

Style3 SFS+Storage+INNOSHAKER™ STAR (Well Plate)

Plasmid Extraction (Well Plates)

Storage+Refrigerator — SFS

Style4 SFS+Storage+Refrigerator

Compound Synthesis

Storage — SFS-MONO — INNOSHAKER™ STAR

Style5 SFS+Storage+INNOSHAKER™ STAR

Monoclonal Selection

Storage+Refrigerator — SFS — INNOMET™ READER + Plate Washer

Style6 SFS+Storage+Plate Washer+ELISA

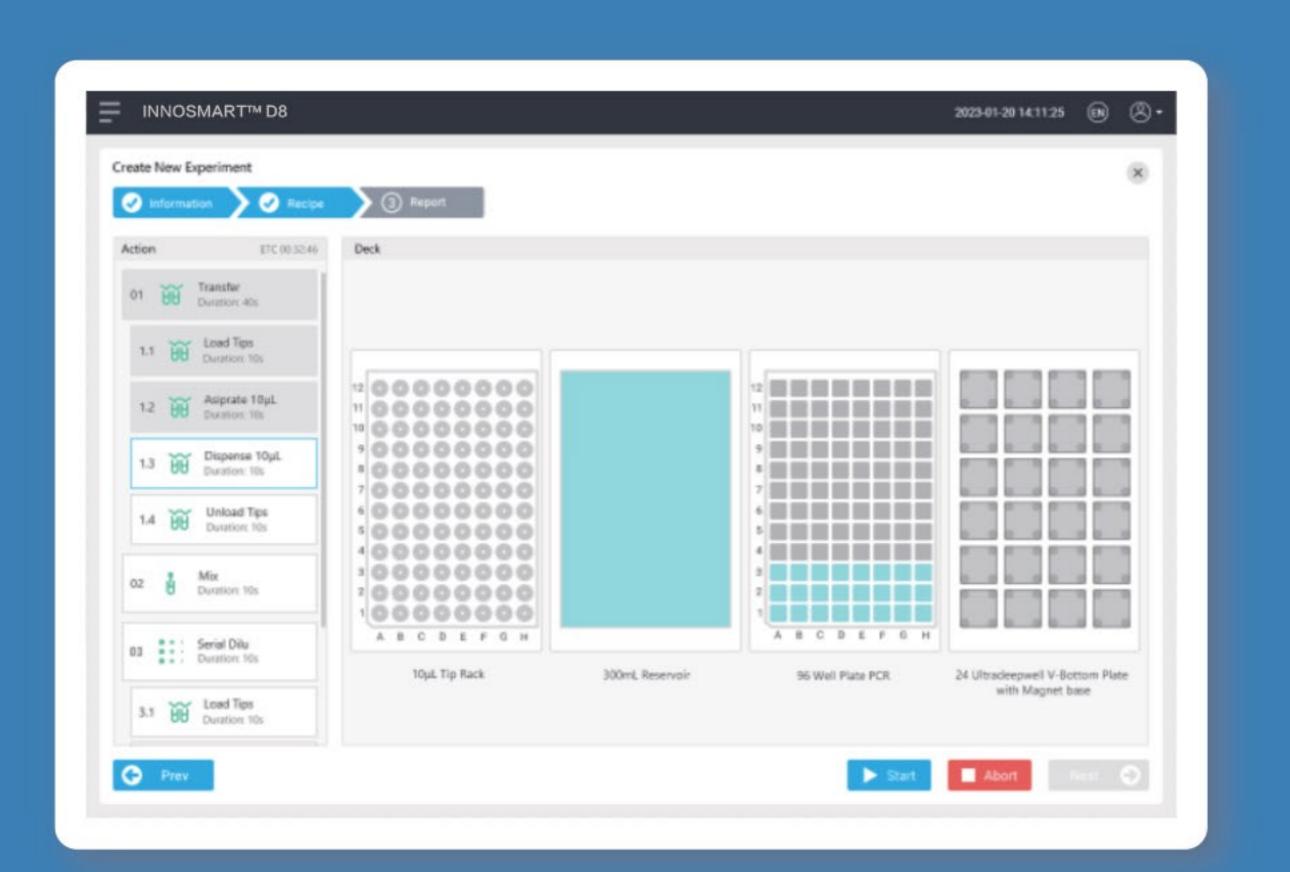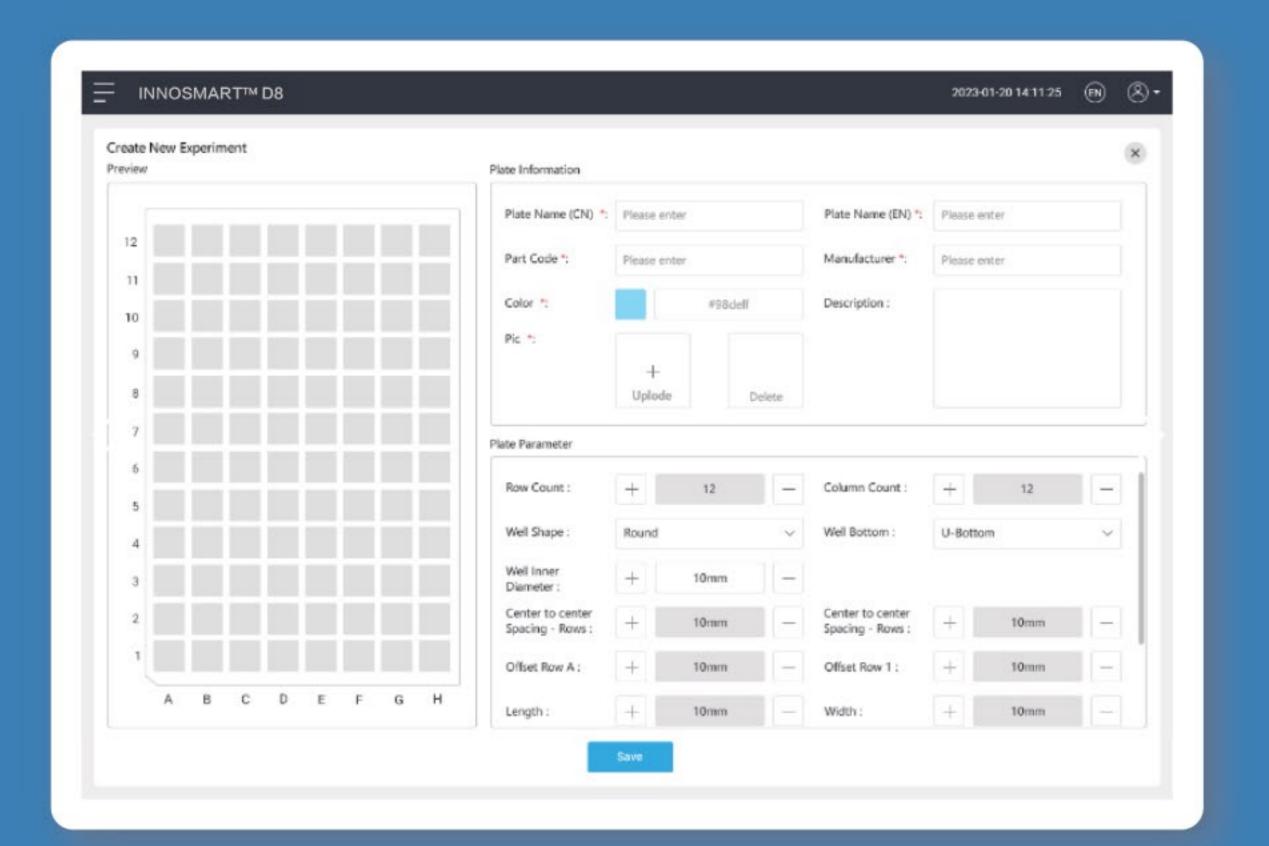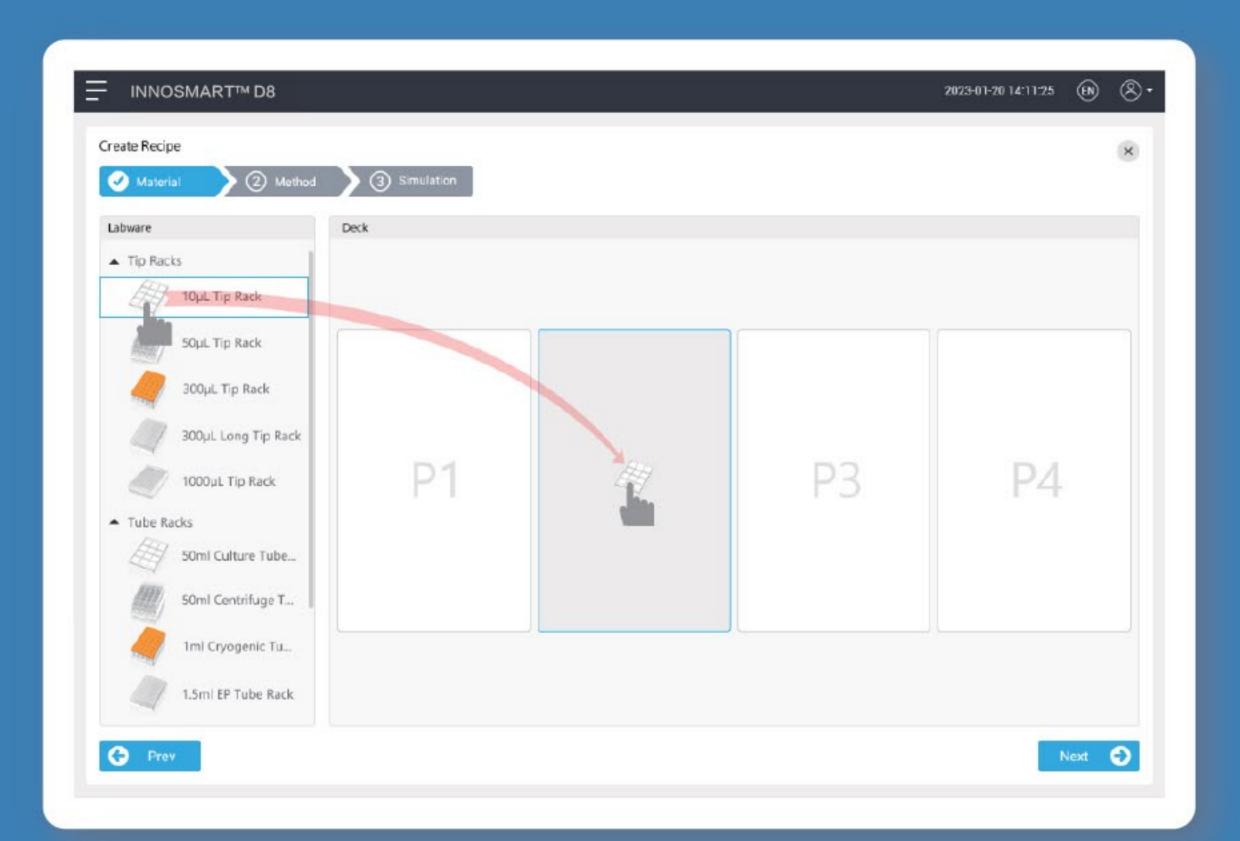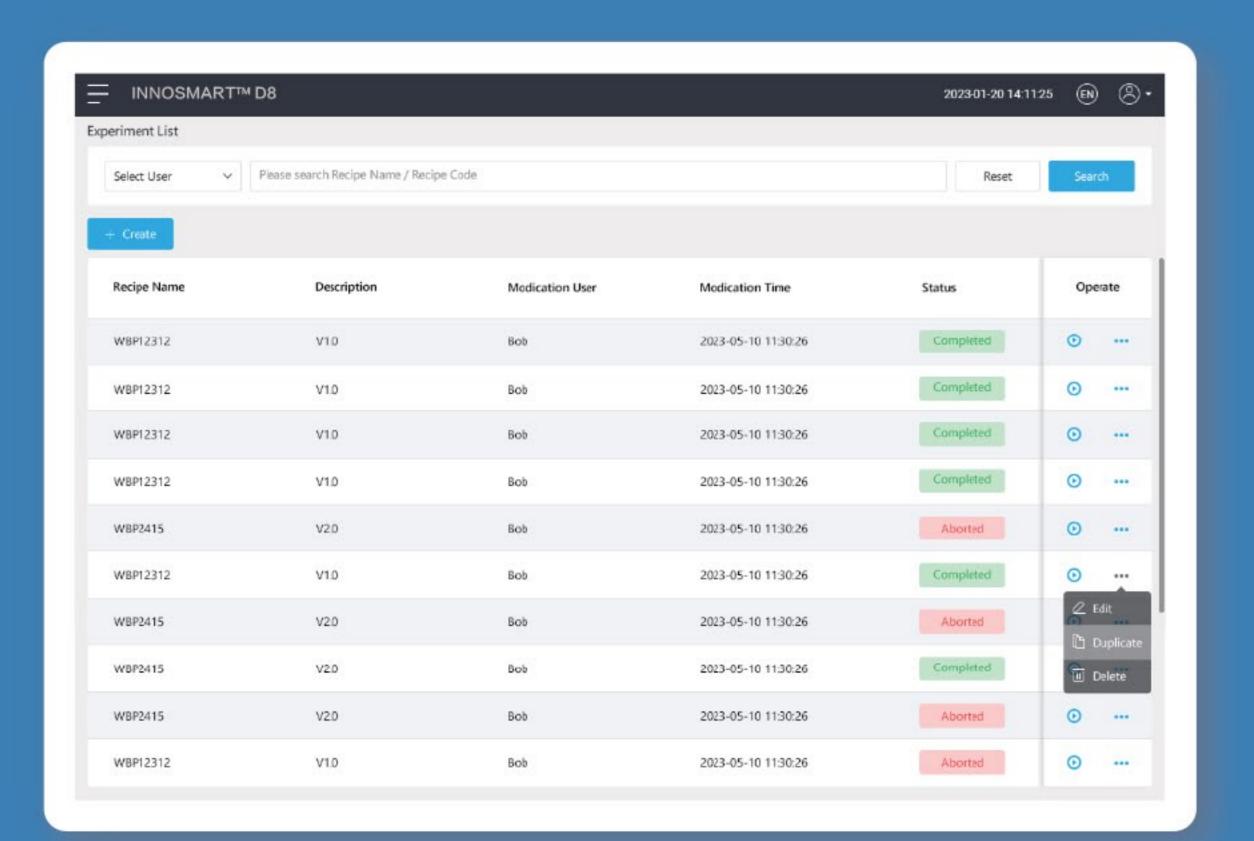High-Throughput Enzyme-Linked Assay

Integrated Software System

Workflow Editing

· Standard process library
· Graphical process editing and optimization
· Real−time process monitoring and control
· Agile evolution of new processes based on templates

Equipment Monitoring and Operation

· Fluid material feeding
· Solid consumable feeding
· Consumable status management
· Historical liquid handling data
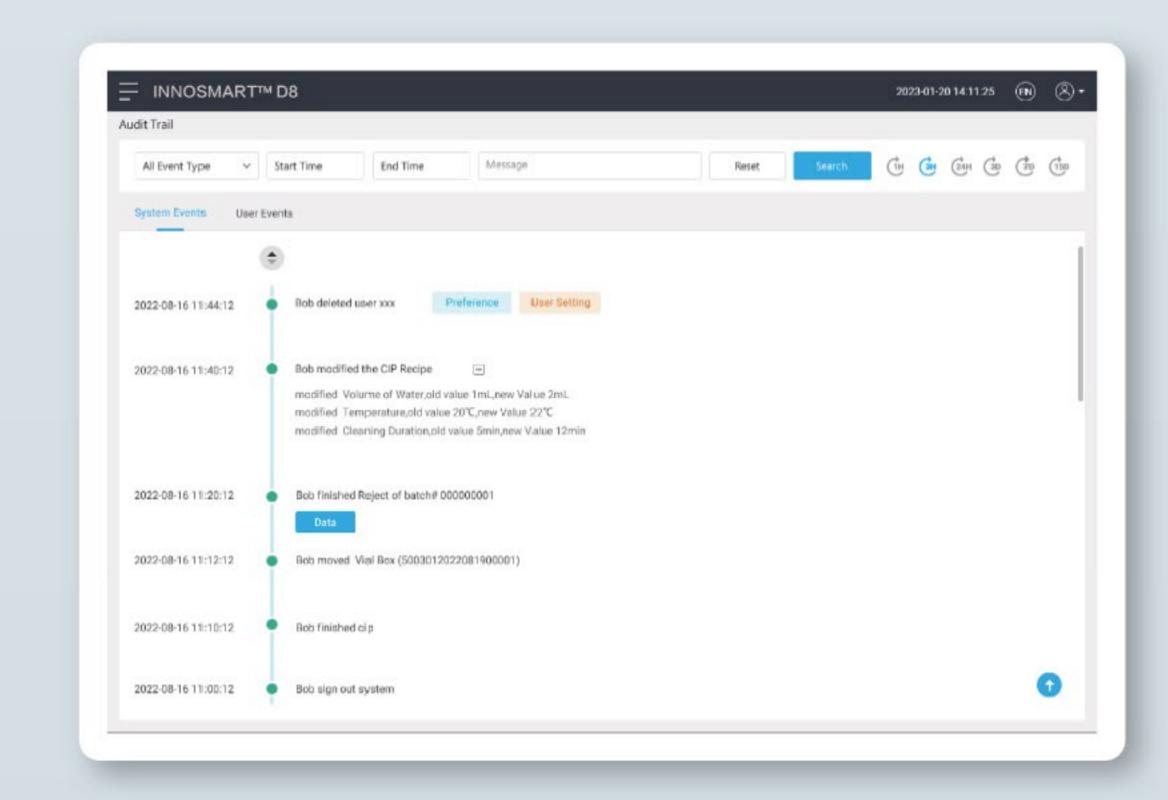· Historical sample transfer data
· Module motion monitoring

Equipment Calibration(Manual)

· Fluid unit calibration
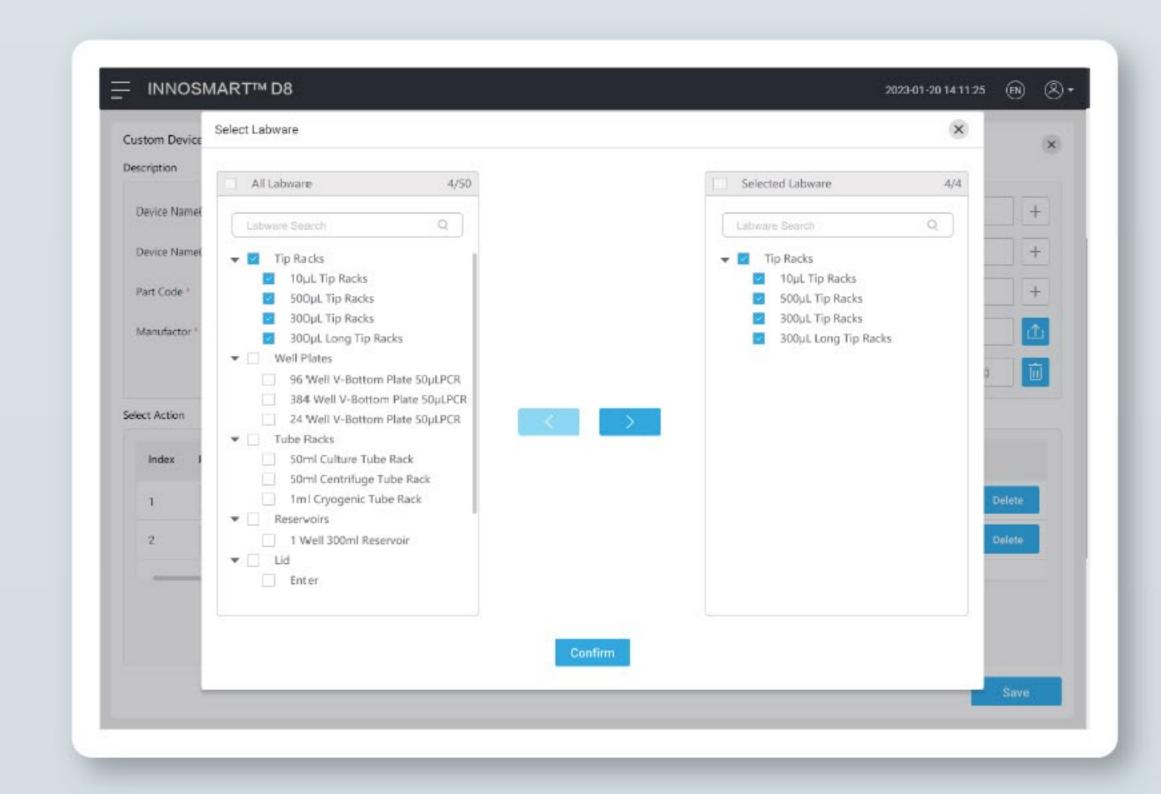· Motion unit calibration
· Agile process test

Data Storage

· Analytical sample data
· Operation data

209cm (82 inches)

238cm (94 inches)

143cm (56 inches)

INNOVEL

Log Notification

· Login Notification
· Consumable loading information
· Operation event information
· Equipment warning information
· Equipment error information

System Setting

· Personnel access control
· System parameter configuration