



nissui
pharma
solutions

SimplePrep® Workstation



All-in-one hands-off lysis and nucleic acid extraction.


EASY TO USE


PERFORMANT


RAPID

- Truly integrated workstation
- Easy-to-Use touch screen interface
- Hands off - Automatic lysis and purification
- **Complex matrices and hard to lyse organisms**
- Minimal starting material or contaminant
- Optimised cartridges for specific applications
- **Sample to purified DNA in 10-15 minutes**
- Up to 8 extractions in parallel
- Rapid lysis using integrated micro-motor

SimplePrep® Workstation

1 to 8 samples, minimal steps, hand-off, end to end 10-15 min



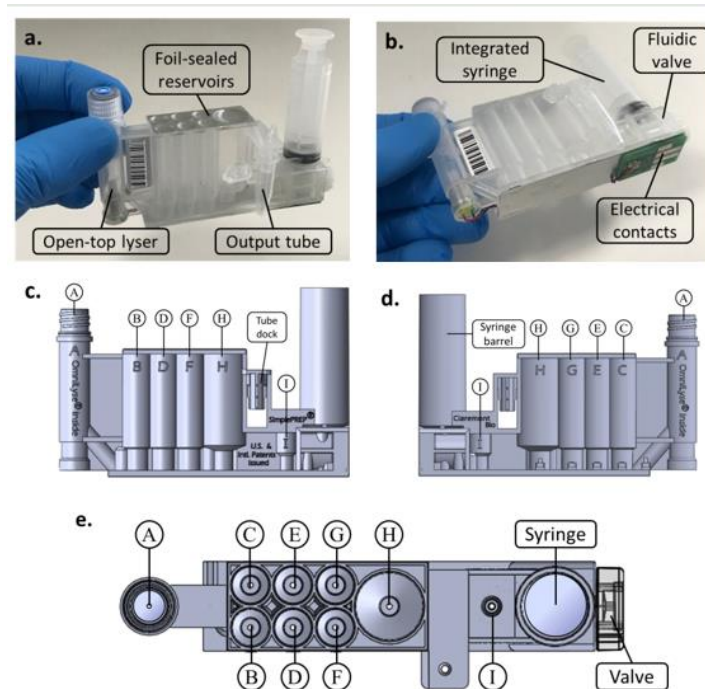
- ATMP biosafety
- NGS/Long read
- Microbiome
- Environmental
- Pathogens



NISSUI PHARMACEUTICAL CO.,LTD.

Cartridge Features and Specifications

- Injection molded in medical-grade polypropylene
- 2mL patented open-top flow-through micromotor lyser/mixer
- 100mm diameter specialty ceramic lysis beads
- Capable of direct swab input
- Pre-filled, foil-sealed reservoirs



Example layout of a cartridge for human gDNA extraction from swab input			
A: Integrated, open-top lyser	F: Wash reagent reservoir		
B: Sample processing buffer	G: Empty reservoir		
C: Fresh air reservoir	H: Waste reservoir		
D: Binding reagent reservoir	I: Eluate output port		
E: Elution buffer reservoir	Valve: Contains binding column		

Technical Specifications

	Weight (kg)	Height (mm)	Width (mm)	Depth (mm)
SPX8	17	215	460	125
SPX1	7	215	203	125