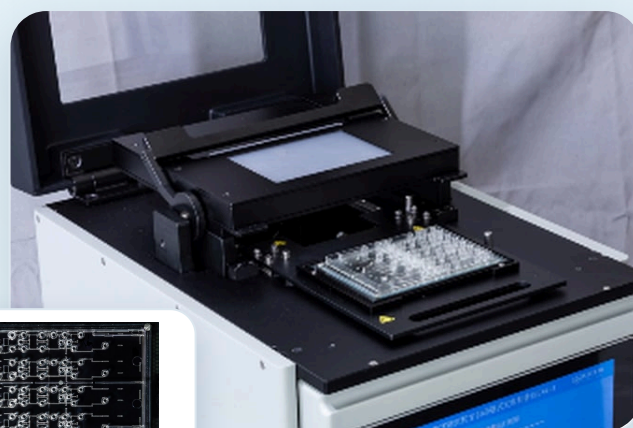


NGS LIBRARY PREPARATION, AUTOMATED

SurePrep

One chip. One connected run. A complete library.

SurePrep automates the entire library preparation workflow on a single digital microfluidics chip, from fragmentation and end-repair through adapter ligation, PCR and purification. By using precise, oil-enclosed droplets, it reduces hands-on time, reagent use and the risk of errors or cross-contamination, improving reproducibility and reducing costly failed sequencing runs.



THE CHIP

4 samples

parallel processing of samples. Input: >0.1 ng DNA or RNA

50–80%

less reagent than manual protocols

Zero

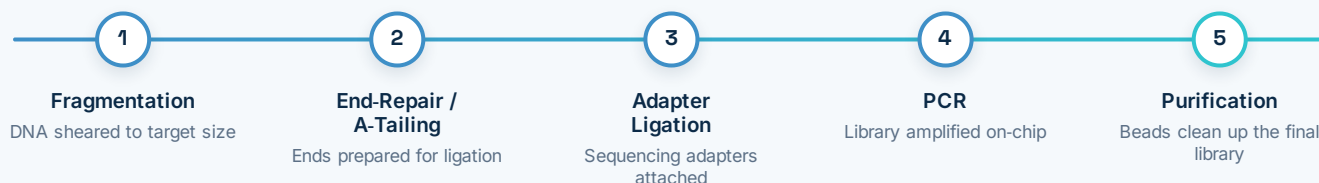
cross-contamination — reactions run in oil

Hands-off

no user intervention during the run

Five steps, one uninterrupted run

ON-CHIP WORKFLOW



Built for the bench

A compact, standalone instrument with its own touchscreen — load a script and walk away, or drive it from the Windows control software when you want full visibility into every step.

CAMTECH · SUREPREP INSTRUMENT

Faster by design

Smaller reaction volumes mean faster reactions. Less time on manual handling means more library preps finished per day, with results your team can trust run after run.

DIGITAL MICROFLUIDICS · SUREPREP

CHIP CONFIGURATIONS

Choose the right chip for your workflow

Same instrument, same software — two chip formats. Run whole-genome libraries on the LibPrep chip, or move to whole-exome and targeted panels on the SurePrep chip, each validated against the reagent kits your lab already trusts.



WHOLE-GENOME SEQUENCING

LibPrep chip

- Processes **1-4 samples** at the same time
- On-chip reactions are **reagent-independent**, supporting a wide range of validated kits
- Runs the full WGS workflow from fragmentation through purification

VALIDATED REAGENT KITS INCLUDE

NEB

Roche / KAPA

Vazyme

Nanodigimbio

Yeasen



EXOME & TARGETED NGS

SurePrep chip

- Supports selected **hybrid-capture** and **tumour-screen** workflows
- Automation for longer runs — tNGS prep can run **10+ hours** unattended
- Holds the finished library at **4°C on-chip** after the run

VALIDATED REAGENT KITS INCLUDE

Roche NimbleGen

Agilent SureSelect

AmoyDx

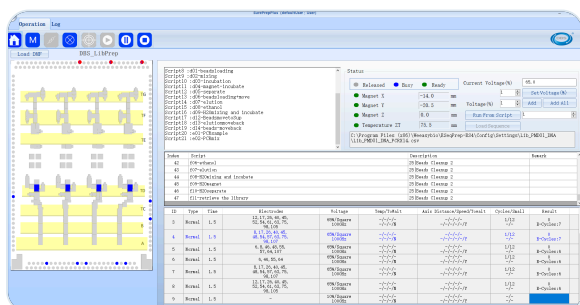
Burning Rock

Rightongene

HIV / COVID / Flu A-B

Stay in control of every run

SOFTWARE & ON-BOARD TOUCHSCREEN



Build and monitor from your desktop

Design an experiment by creating or editing a script that controls reaction droplets, temperature and bead movement — then watch voltage, magnet position and run progress update live as each step completes.



Or run it standalone, at the bench

The instrument doesn't need a computer nearby. Load a ready-to-run method on its built-in touchscreen, then start, pause or stop the run and check status right from the front panel.

NOT SURE WHICH CONFIGURATION FITS?

Let's match the chip and reagent workflow to your application.

Patented design, built to help your team work with confidence — ask Camtech for guidance on the right SurePrep setup for your lab.

