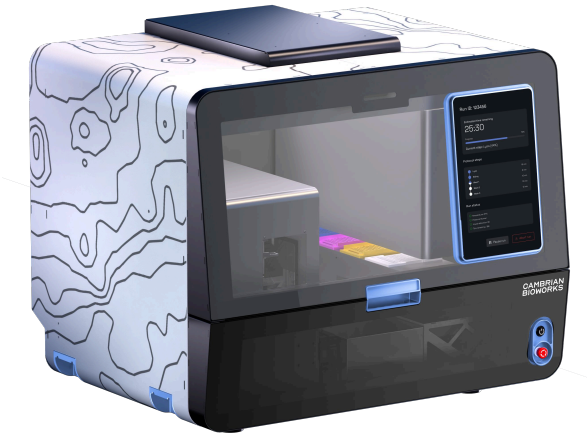
Truly automated NGS library preparation

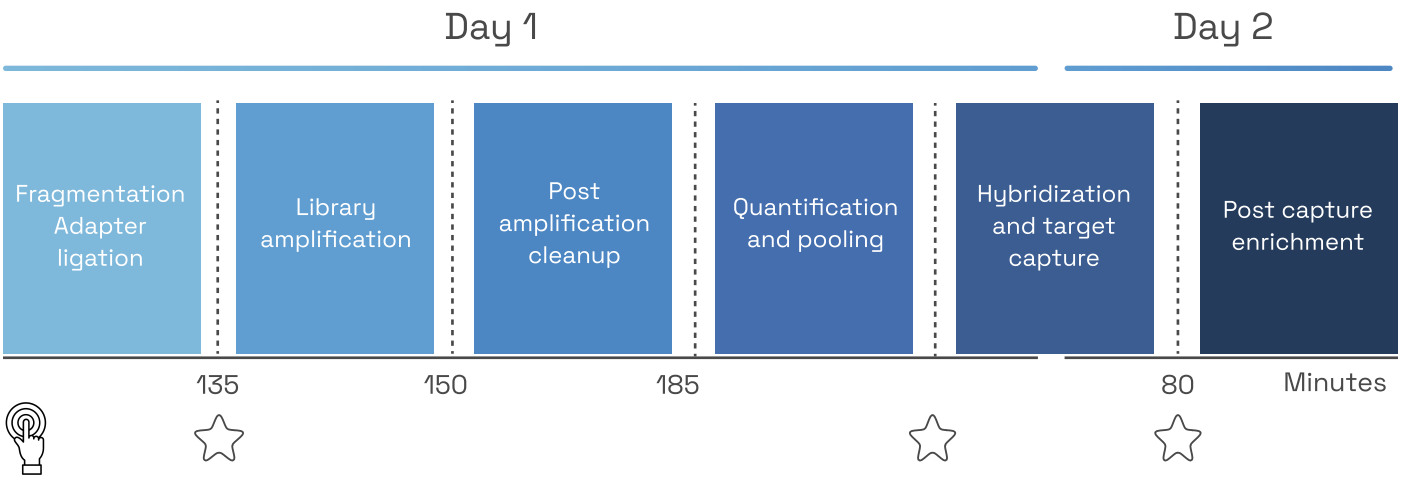


Meet Orca - the modular automation platform for next-generation library prep. Orca is designed to simplify complex protocols and deliver consistent, high-quality results every run.

Our continuously expanding protocol library gives you instant access to a wide range of plug-and-play NGS workflows — so your lab can start automating from day one, without requiring coding or optimization.

Typical library preparation workflow on Orca

Here's how Orca streamlines the two-day SOPHiA GENETICS DNA Prep Kit workflow for 32 samples:



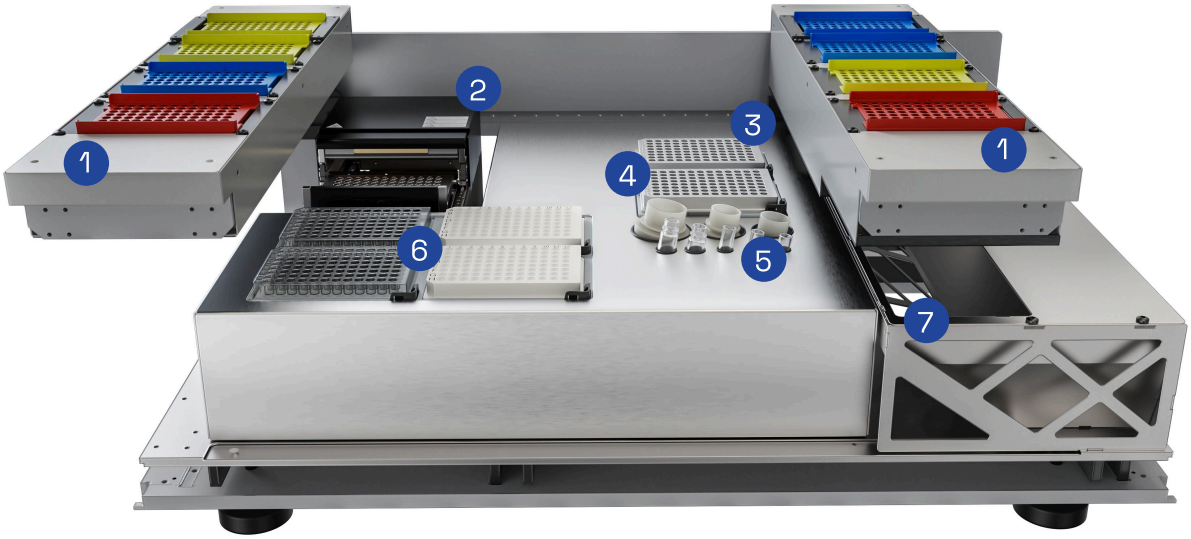
Safe stopping point Load pipette tip boxes

Use CamSelect NGS (CBWD010.75) for library cleanup

Compatible Library Preparation Kits

- SOPHiA GENETICS DNA Prep Kit
- Twist Bioscience Library Prep and Enrichment Kits
- Illumina DNA Prep with Enrichment
- Roche KAPA HyperPlus and HyperPrep
- IDT xGen™ cfDNA & FFPE DNA Library Prep MC Kit
- NEBNext® Ultra™ II Directional RNA Library Prep
- Agilent SureSelectXT Human All Exon v6

A deck designed for every stage of your workflow



1. Pipette tip boxes
2. Thermal cycler module
3. Magnetic shaker module
4. Peltier module for reaction plate ❄
5. Reagent storage module ❄
6. Deck slots for SBS plates x4
7. Trash chute

Coming soon: In-line quantification module

Technical specifications

Attribute	Description
Catalog Number	CBWM102
Deck slots	8
Pipette tip box slots	8
Pipette format	Single channel x1 Eight channel x1
Pipette volume	3 µL - 1 mL
Pipette accuracy (% D)	0.05-3 % (1 mL - 3 µL)
Pipette precision (% CV)	1-5 % (1 mL - 3 µL)
Dimensions	100 x 85 x 90 cm
Temperature regulation	2 Peltier modules included

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CB-MKT-B-012/v1.1

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