

Expand what you can accomplish on your benchtop

User-friendly, flexible, and reliable sequencing with XLEAP-SBS™ chemistry on the NextSeq™ 1000 and NextSeq 2000 Systems

Flexibility to do more

Access a wide range of applications including single-cell, whole-exome, and RNA sequencing—all on the market-leading benchtop platform.



Intuitive workflows from start to finish with onboard cluster generation, FASTQ output, and secondary analysis; simple waste management; and no wash requirements.

UP TO **14 KIT CONFIGURATIONS**

LOWEST
RUN COSTS ON AN ILLUMINA BENCHTOP SEQUENCER

ONBOARD SECONDARY ANALYSIS
AT NO EXTRA COST

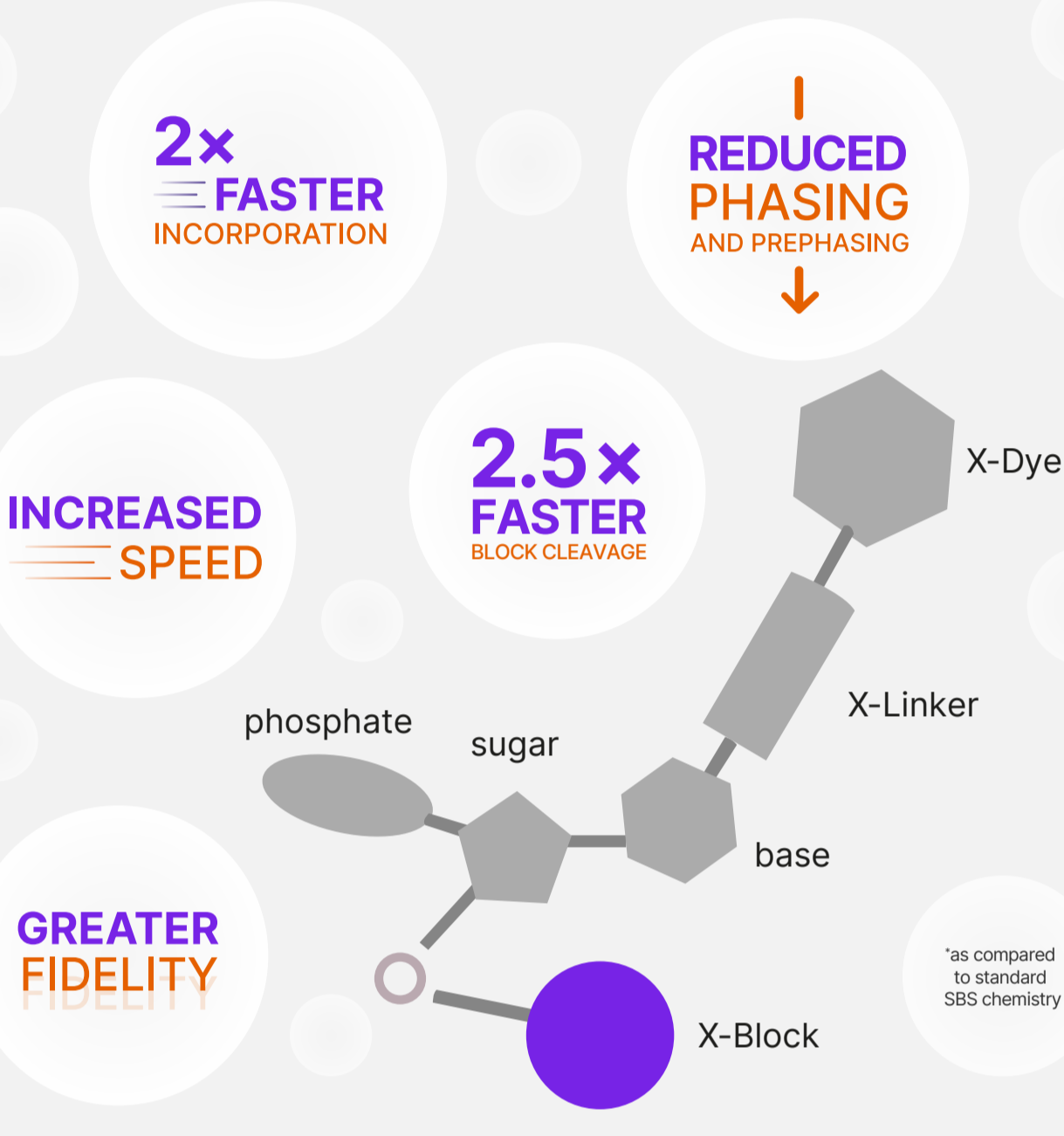
NO WASH CYCLES

<10 MINUTE SETUP

RECYCLABLE CARTRIDGES

XLEAP-SBS chemistry

Experience our fastest, highest quality, and most robust sequencing by synthesis chemistry, now on the NextSeq 1000 and NextSeq 2000 Systems.*



Exome

mRNA

Single cell

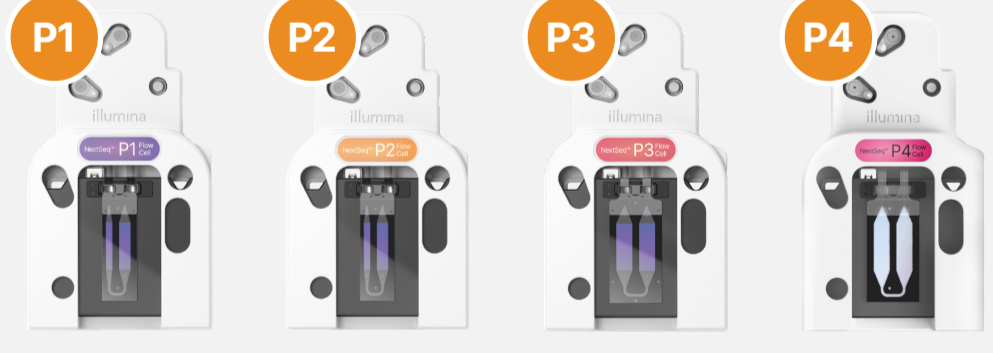
Metagenomics

Spatial

Immune repertoire

Flow cell flexibility

The NextSeq 1000 and NextSeq 2000 Systems offer broad platform utility with the flexibility to expand applications and scale efficiently. With up to 14 kit configurations and read lengths from 1 × 50 bp to 2 × 300 bp, you'll have the reagents you need for your benchtop studies.



Single-end reads	100M	400M	1200M	1800M
	-	-	-	50
	100	100	100	100
Available configurations (no. of cycles)	-	200	200	200
	300	300	300	300
	600	600	-	-



DRAGEN Onboard analysis at no extra cost



SAVE UP TO **80%** ON STORAGE COSTS

GENERATE RESULTS IN **2 HOURS**

10+ INFORMATICS PIPELINES

UP TO **5x** DECREASE IN DATA FOOTPRINT WITH **LOSSLESS** COMPRESSION

Find out more: illumina.com/NextSeq10002000