

MiSeq™ i100 Series

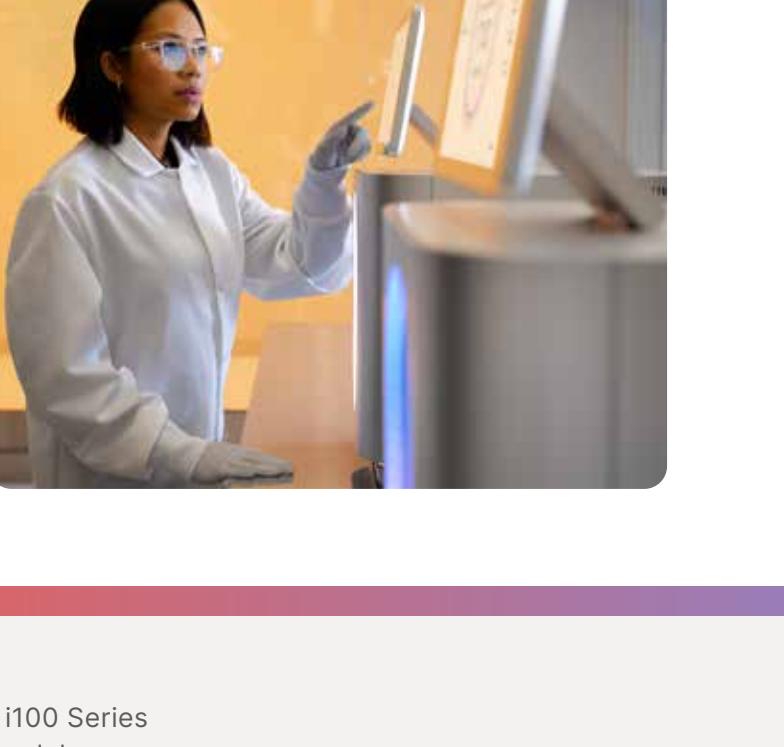
Powerful, simple sequencing for microbiology and infectious disease research

Access the simplest, fastest benchtop sequencing system providing highly accurate data for microbiome insights, novel virus tracking, and more.

The MiSeq i100 Series is here.



Gain more genomic insights and discovery power than you ever thought possible



Rapidly uncover insights in your lab

Using the MiSeq i100 Series is as easy as...

1

Simple, intuitive setup

Expedite setup with room-temperature, no-thaw consumables, and three step sample loading in under 20 minutes.

2

Efficient workflow

Sample-to-analysis workflow means less hands-on time and simplified data analysis, which helps reduce the need for bioinformatics expertise.

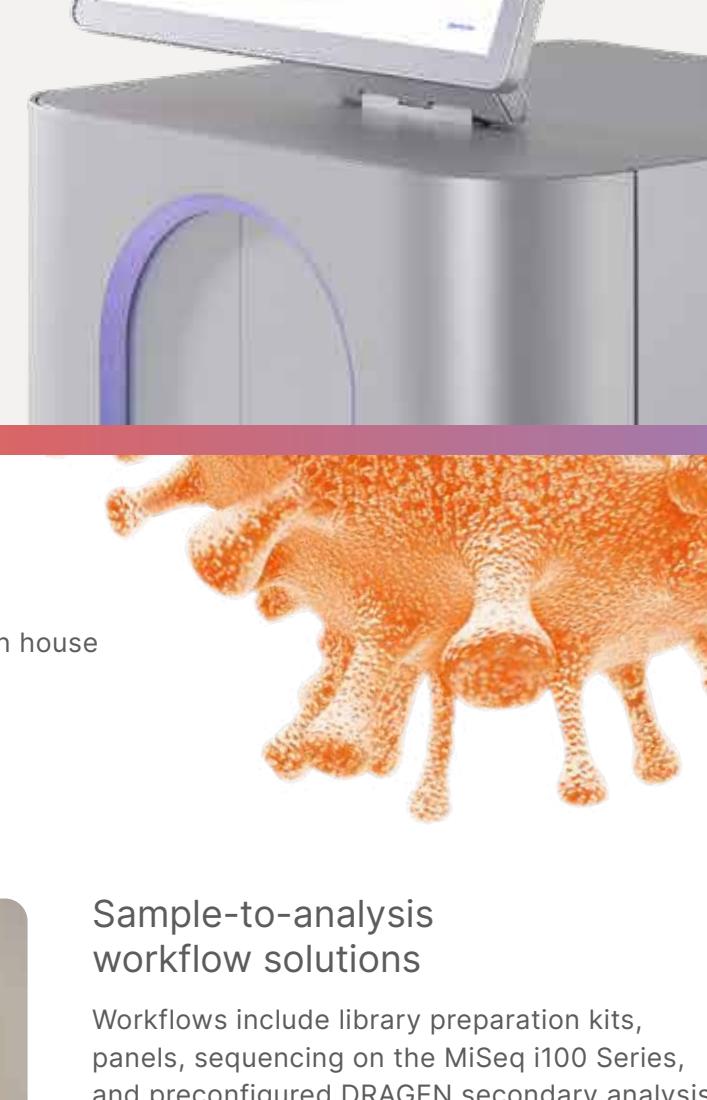
3

Accurate, same-day results

Industry standard accuracy delivered in a single shift; start sequencing in the morning and complete the run and analysis the same day.

Designed for efficient lab operations with reliable results

Intuitive interface for easy navigation



Simplified onboarding for new users and applications

Minimal hands-on time throughout the workflow—saving time, resources, and money

From single pathogen to microbial discovery, the MiSeq i100 Series brings a new level of flexibility for microbiologists in every lab

More applications enable more possibilities

With multiple reagent kits available, supporting a wide range of throughputs, labs can cost-effectively process samples at any scale.

Flow cell options:¹

Microbial community diversity analysis → **5M** → **48** Microbiomes analyzed with 16S rRNA sequencing²



Foodborne pathogen surveillance → **25M** → **48** Bacterial isolates characterized³

Early detection pathogen surveillance → **50M** → **12** Wastewater samples analyzed for pathogen variants and AMR genes⁴

Taxonomic classification and microbial discovery → **100M** → **10** Environmental samples profiled with metagenomics⁵

Achieve high-quality data in a single shift

Powered by XLEAP-SBS™ chemistry, our fastest, highest-quality chemistry, sequencing run times are as fast as four hours. And with onboard secondary analysis, results can be generated in a single day.

Improved run times Single shift vs 2.5 days⁶

Accurate, efficient analysis Onboard DRAGEN™ software and access to a full suite of cloud-based analysis apps

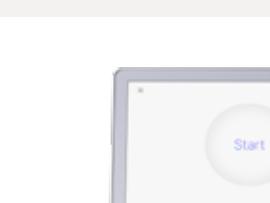
Sample-to-analysis workflow solutions

Workflows include library preparation kits, panels, sequencing on the MiSeq i100 Series, and preconfigured DRAGEN secondary analysis.

Streamline experimental planning with preselected library prep kits and targeted gene panels

Simplify data analysis with access to preconfigured pipelines, helping reduce need for bioinformatics expertise

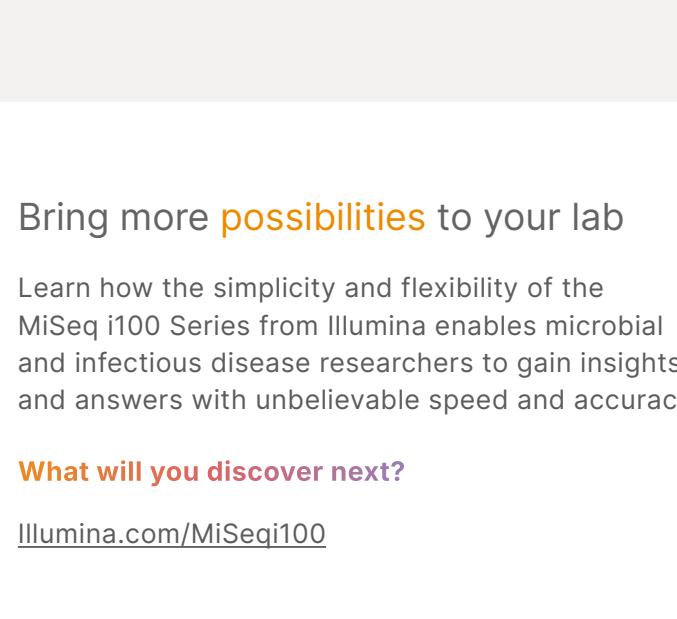
Increase confidence in your data with access to data sets in BaseSpace™ Sequence Hub



Now labs of all sizes can bring proven sequencing in house



Increased accessibility for improved outputs



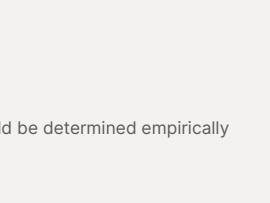
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Room-temperature shipping and storage

XLEAP-SBS reagents help deliver remarkable sustainability and user experience benefits

No dry ice, no cold packs, and no freezer storage required

85% reduction in packaging materials⁶ and easy disposal for most parts

Simple setup and quick access from shelf storage optimizes uptime with no thawing required

85% reduction in packaging materials⁶

MiSeq i100 Series

Original MiSeq System

High-quality sequencing, approachable NGS for everyone's reach

Designed for every lab, everywhere

Sequence confidently with global support services

97% customer satisfaction score⁸

Regional teams offer local access with in-country, multilingual customer service

Technical assistance is available to help with instrument setup and experimental support

Worldwide peer network delivers additional peer insights

Broad training options available online and in person to support your experimental needs

Learn how the MiSeq i100 Series from Illumina enables microbial and infectious disease researchers to gain insights and answers with unbelievable speed and accuracy.

What will you discover next?

illumina.com/MiSeqi100

For Research Use Only. Not for diagnostic procedures.

For