

iSeq™ 100

illumina®

Meet your new lab partner—our smallest, most accessible, and affordable next-generation sequencing (NGS) solution ever. Want deeper biological insights, better experimental efficiency, and greater discovery power? The iSeq 100 Sequencing System is here to help. The easy-to-use system is ideal for those new to NGS, while the low price of acquisition enables existing customers to expand their existing NGS system base.

**Meet the iSeq 100 System.**




# JUST WHAT YOUR LAB HAS BEEN LOOKING FOR

The iSeq 100 System lets you expand your research like never before. By providing industry-leading sequencing technology in a highly accessible format, you can get high-accuracy data with a fast turnaround time, easier than ever.

By generating 1.2 Gb of data per run in only 17.5 hours, the iSeq 100 System delivers the high resolution and analytical sensitivity obtained on other Illumina sequencing platforms and makes it the ideal platform for any lab seeking to perform rapid and cost-effective genetic analysis.



A close-up, angled view of the iSeq 100 sequencing system. The device is white with a blue LED light strip along the top edge. The text "iSeq™ 100" is printed in a dark grey font on the upper right portion of the device. A black component, likely a flow cell, is partially visible on the right side, and a white flow cell is visible in the bottom left corner of the frame.

iSeq™ 100

## **New to NGS?**

Expand your research and publish fast with our most accessible NGS solution. Harness the power of Illumina NGS technology in an easy-to-use, inexpensive ecosystem.

## **Want more control over your experiments?**

Get results on your time, in your lab. The iSeq 100 System gives you autonomy to expand your research, without the long turnaround time.

## **Currently using NGS in your lab?**

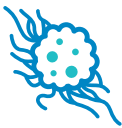
With the right tool for every job, you can now optimize your lab to run efficiently. Get comparable data quality to other Illumina sequencers in a low-cost, easy-to-implement system.



# VERSATILITY IS ITS MIDDLE NAME

Find answers efficiently with a range of versatile applications ranging from small cancer panels to microbiology panels.

Get rapid, multiplexed sequencing using a range of methods—with a maximum output of 1.2 Gb.



## Small cancer panels

Analyze key genes or regions of interest to high depth using predesigned, analytically validated panels.



## Small-genome sequencing

Sequence the entire genome of bacteria, viruses, or other microbes.



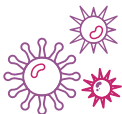
## Microbiology

Map genomes of novel organisms, finish genomes of known organisms, or compare genomes across multiple samples.



## Targeted resequencing

Get highly accurate and reproducible data supported by various NGS study designs, including fixed and custom panels.



## Viral sequencing

Map genomes of novel organisms, or compare genomes across multiple samples.



## Long-range amplicon sequencing

Enable a wide range of research applications for the discovery, validation, or screening of genetic variants.

# AS EASY AS 1, 2, 3

Simplify your workflow with the streamlined 3-step workflow of the iSeq 100 System.

## Load library

Add your library to the simple, ready-to-use sequencing reagent cartridge and load your run. The iSeq 100 System is the first sequencer that will denature your library for you—it's that easy.

## Sequence

Follow the prompts on the screen to set your run parameters and press Start Run. With proven sequencing by synthesis (SBS) chemistry, you'll get data quality you can trust.

## Analyze data

Integrate with a local run manager (LRM) or BaseSpace® Sequence Hub to analyze and share your results in a secure cloud environment.







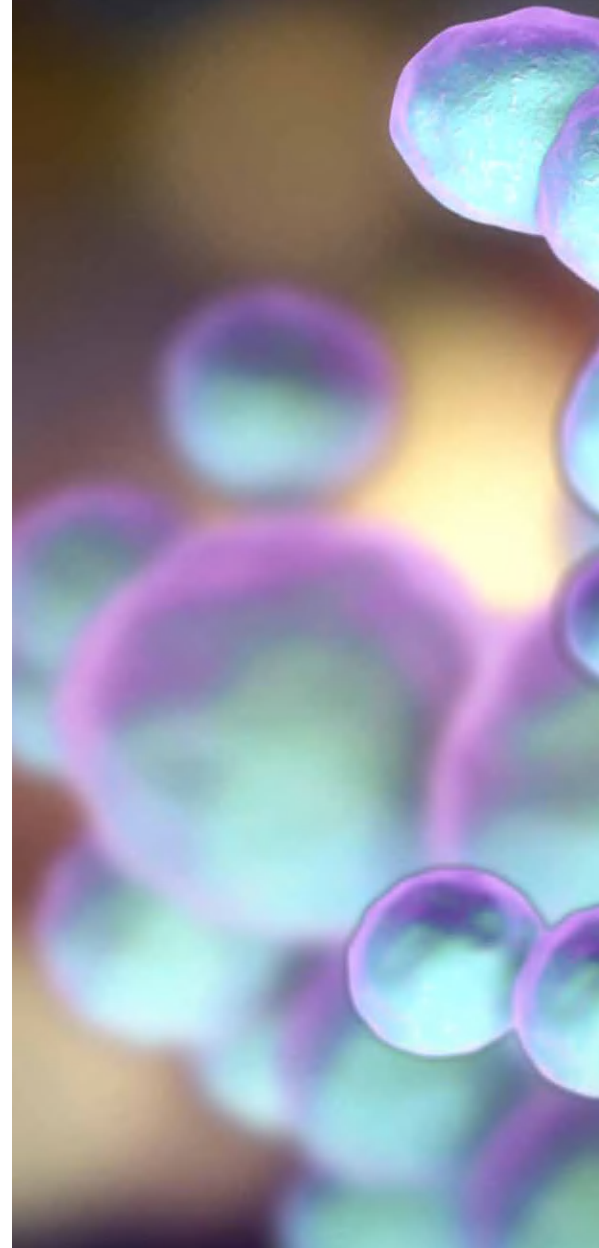
# SETUP, SIMPLIFIED.

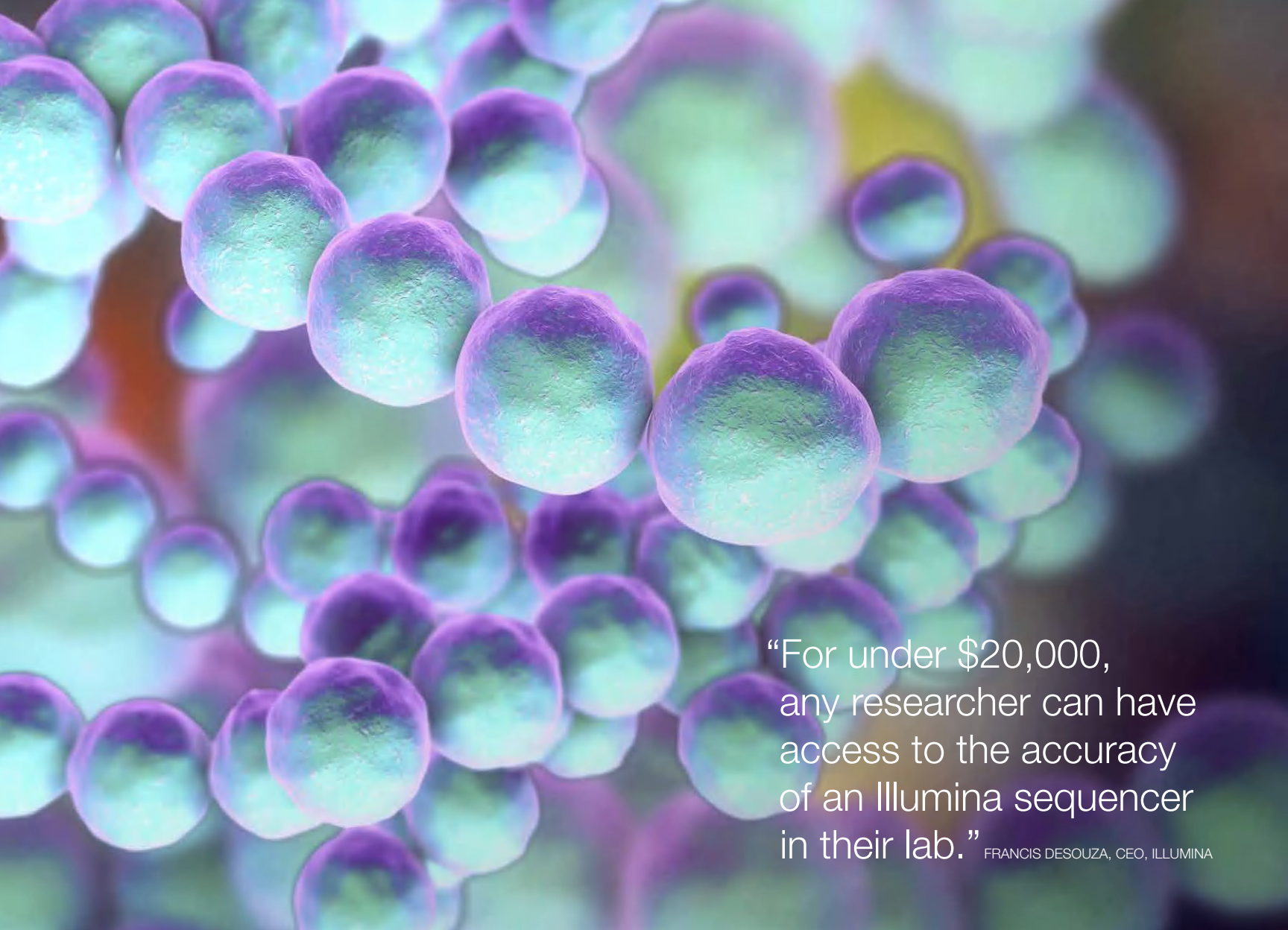
The iSeq 100 System makes self-installation simple. Start sequencing in under an hour out of the box. If you need additional support or have any questions, Illumina scientists are available to help you get started.

Need assistance? We offer training courses, either at your own lab or online, to help bring your lab personnel quickly up to speed.

# MEET NEW IDEAS

Discover the big advantages of our smallest instrument. Take control of the sequencing process and deliver fast, more efficient studies— from beginning to end. With an affordable price point and small footprint, the iSeq 100 System brings the full power of NGS to your fingertips. Meet what your lab has been missing.





“For under \$20,000,  
any researcher can have  
access to the accuracy  
of an Illumina sequencer  
in their lab.”

FRANCIS DESOUZA, CEO, ILLUMINA

