

# MiSeq



## Do it all. Do it better.

Cluster generation. Paired-end fluidics. Computing for primary and secondary analysis. All on one instrument. All in just 2 feet square. All within your budget. All on MiSeq, Illumina's personal sequencing system.

Revolutionary workflow. The fastest turnaround. The most accurate variant detection. Ability to handle a wide range of applications.

It's next-gen sequencing made accessible for individual researchers.



### The easiest workflow.

Single-tube, rapid library prep in under two hours, with just 15 minutes hands-on time, using Illumina's proprietary Nextera<sup>™</sup> technology. Premixed and preloaded reagents. On-instrument cluster generation. On-instrument base calling, alignment, and variant calling.

Intelligently designed and user-friendly, the MiSeq touch screen control enables minimal operator involvement for walk away automation.

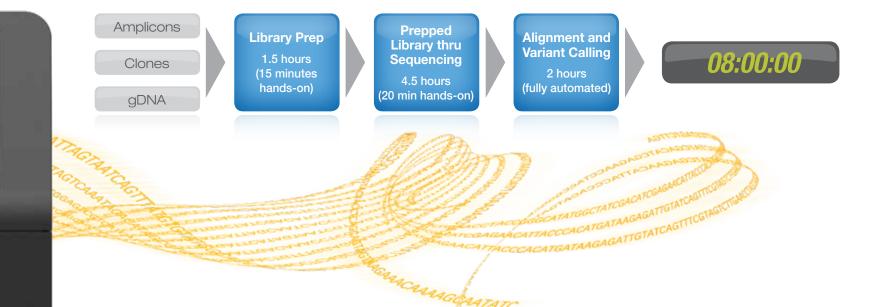
MiSeq"

It's the easiest way to bring next-gen sequencing to your lab and your studies.



## Fastest time to data.

Go from DNA to analyzed data in as few as 8 hours—the first next-gen sequencing sample-to-answer workflow in a single day.



# Wide range of applications.

Amplicon
Sequencing

Highly
Multiplexed
Targeted
Resequencing

Clone
Checking
Checking
ChIP-Seq
Small RNA
Sequencing

MiSeq has the flexibility to perform single 36 base-pair reads up to 2 x 150 paired-end reads. Enabling diverse application sets from counting applications to *de novo* assembly of small genomes to structural variant detection. Don't let the limitations of your platform hinder your research.

# The best data quality.

MiSeq is powered by TruSeq, the proven technology inside all Illumina sequencers. The highest percentage of error-free reads. Quality scores ≥ Q30. Allowing you to get the most out of your data.







Fast. Easy to use. Economical. Flexible enough to handle a range of applications. Powered by proven TruSeq chemistry to deliver the highest quality data. It's small in size. Big in impact.

Learn more about how MiSeq will change the way you do your research. Go to www.illumina.com/MiSeq



# A sequencer for every need. Every budget. Every lab.



Only Illumina offers a complete line of sequencers. Delivering the highest data quality. Supporting the broadest range of applications. Offering the easiest workflow. Powering the largest number of publications.

#### WORLDWIDE HEADQUARTERS

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