

MinION Mk1D

Your personal, portable DNA and RNA sequencer

A sequencer for everyone — empowering individual researchers, labs, and those new to DNA/RNA sequencing to perform in-house sequencing and take control of their timelines with a cost-effective, personal device. Weighing only 130 g and running off a laptop, MinION Mk1D generates tens of gigabases of real-time data in the field or lab.

Choose MinION if you want to:

- Sequence immediately, in or outside lab
- Sequence at low cost
- Sequence for any application

Powerful with high output

- Get up to 48 Gb data from a single flow cell*.

* Theoretical max output when system is run for 72 hours at 400 bases / second. Outputs may vary according to library type and run conditions.

Temperature control

- New for Mk1D Peltier based temperature control enables reliable and robust sequencing at ambient temperatures between 10-35° C

Connectivity

- Plugs into a laptop or MacBook® using a high-speed USB-C cable

Portable - Pocket sized sequencer

- Weighs 130 g
- sequence anywhere, anytime

Unrestricted read length

- Sequence any length fragment from short to ultra-long.

Suitable applications include

MinION Flow Cells provide output up to 48Gb* making them ideal for small genome and targeted application sequencing such as:

- Bacterial metagenomics
- Bacterial isolate
- Bacterial whole genome
- Viral amplicon
- Full length 16s rRNA
- Whole exome
- Whole transcriptome (cDNA)
- Smaller transcriptomes (direct RNA)

* Theoretical maximum output when system is run for 72 hours at 400 bases/second outputs may vary according to library type and run conditions.

Buy your MinION Mk1D sequencer from Genotypic

Compatible with	MinION and Flongle Flow Cells
Flow cells, sequencing kits, wash kits	Contact our experts for custom purchase

Oxford Nanopore MinION Mk1D sequencer is available for order in India

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