



Scalable, real-time biological analysis technology

Nanopore devices perform DNA/RNA sequencing directly and in real time. The technology is scalable from miniature devices to high-throughput installations.



MinION

- Pocket-sized, portable device for biological analysis
- Up to 512 nanopore channels
- Simple 10-minute sample prep available
- Real-time analysis for rapid, efficient workflows
- Adaptable to direct DNA or RNA sequencing

[Start using MinION](#)

More info

- [MinION product information](#)
- [MinION publications](#)
- [The simple workflow](#)
- [Sample preparation](#)
- [Sample analysis](#)
- [Compare product specifications](#)



PromethION

- High-throughput, high-sample number benchtop system
- Modular. Up to 48 flow cells, each with up to 3,000 nanopore channels (total up to 144,000)
- Flow cells may be run individually or concurrently
- Same workflow as MinION at larger scale

[Register for early access](#)

More info

- [PromethION product information](#)
- [The simple workflow](#)
- [Sample preparation](#)
- [Sample analysis](#)
- [Compare product specifications](#)



SmidgION

- Designed to be our smallest sequencing device so far
- Same nanopore sensing technology as MinION and PromethION
- Designed for use with a smartphone in any location

[Learn more about SmidgION](#)

More info

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- [The simple workflow](#)
- [Sample analysis](#)

Sample preparation

Kits: A choice of kits are available to support a range of experimental designs.

This includes a two-step, 10-minute library prep kit. [More info at Sligo.](#)

[Learn more about kits](#)



VoITRAX is designed to automate sample prep for nanopore analysis. The consumable VoITRAX cartridge is, for the first release, used with a small USB powered device.

[Learn more about VoITRAX](#)



Sample analysis



METRICHOR

Nanopore sequencing provides real-time data, so that analysis can be performed as an experiment progresses. This enables efficient workflows and even *real-time selective sequencing*.

Oxford Nanopore provides analytical workflows to support researchers, such as 'What's in my Pot?' for real-time species ID. [View WIMP publication](#)

For people interested in complete, end-to-end analytical solutions, Metrichor Ltd has been established to provide bespoke analytical solutions for applied markets.

[Learn more about Metrichor](#)

GETTING STARTED

- [How to join the PromethION Early Access Programme](#)
- [Publications](#)
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- [What is the Nanopore Community?](#)

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