

PromethION 2

PromethION P2 is a simple plug and play sequencing unit which can deliver high-output, low-cost sequencing in a palm-sized device and can run two PromethION flowcells. It utilizes computational resource within the GridION Mk1 or other suitable pre-existing compute to quickly enable high-depth nanopore sequencing with minimal outlay. Designed to make high-throughput sequencing more accessible, the P2 supports users wishing to discover more, rich biological insights about human disease, including cancer and ultra-long plant and animal genomes or larger transcriptome/metagenomic analyses.



Two high-yield flow cells

- can be operated individually or together for flexible, on-demand sequencing

High-resolution touchscreen display

- allowing complete device control

High-performance

- 16 TB SSD and 128 GB RAM
- produce as much as 580 Gb sequence data in one run

Standalone, fully integrated device

- with powerful NVIDIA A100 GPU for onboard data analysis

P2
PromethION 2 Integrated



PromethION 2 Solo (P2 Solo)

P2 Solo: a sequencing unit for two PromethION Flow Cells, utilising computational resource within the GridION Mk1, or other suitable pre-existing compute, to quickly enable high-depth nanopore sequencing with minimal outlay



Multiplexed sequencing of up to 96 samples with PCR or PCR-free barcoding

>100 million cDNA reads (for isoform-level analysis)

>200 Gb on metagenomic samples (read N50 ~ 10 kb)

Buy your PromethION sequencer from Genotypic



Device warranty	12 months
Flow cells, sequencing kits, wash kits	Contact our experts for custom purchase

PromethION 2 integrated (P2i) & PromethION 2 Solo (P2 Solo) are available for order in India

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