



Portable and Easy-to-use Genetic Sequencer



Gene sequencer DNBSEQ-E25*

Easy installation

Easy-to-use cartridge
No environmental requirement

Simple sequencing

Ready to use in 10 minutes
Built-in bioinformatics enables full workflow
from sample to report

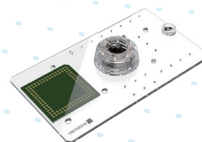
DNBSEQ-E25 is a small-sized and light-weighted genetic sequencer that can achieve high-speed and highly flexible sequencing. Meanwhile, the easy-to-operate feature lowers the operation threshold of a genetic sequencer.



DNBSEQ™
Core Technology



Integrated
Sequencing Chip



Microfluidic sequencing chip

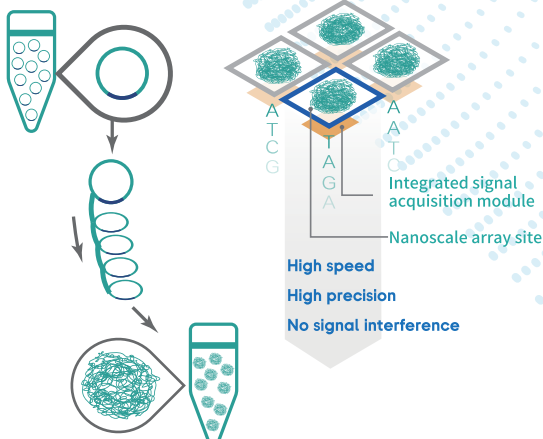
Sequencing reagent can directly enter the chip without passing through the instrument

Signal acquisition module

Integrated signal acquisition module directly reads the base signal
No need for traditional optical system

Self-luminous biochemical system

Signal can be generated without external excitation light source
Making the instrument more portable and stable for multiple scenarios



● Performance parameters



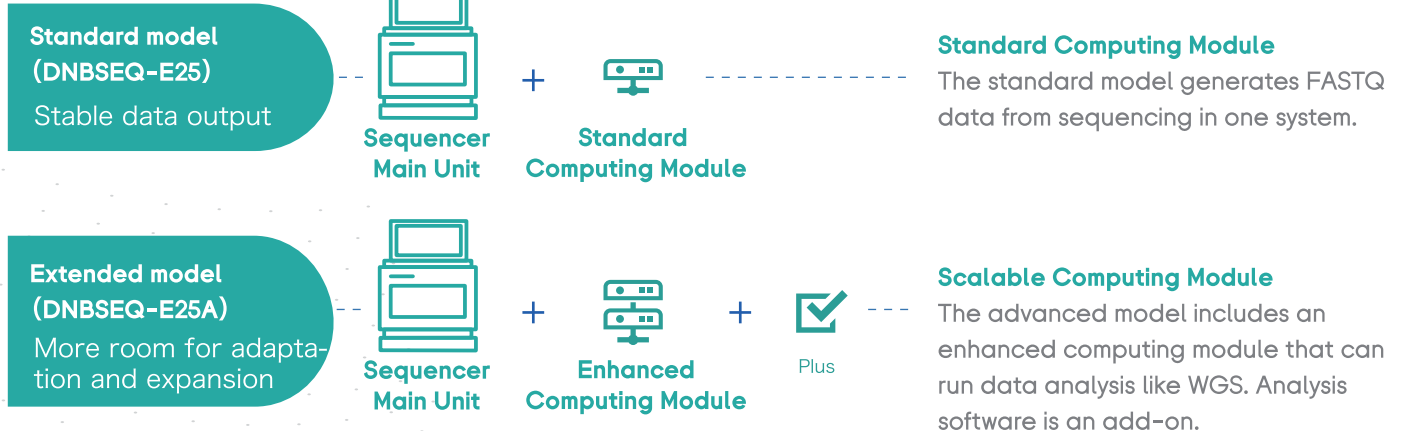
Number of Reads*	Sequencing Reagent †	Data Output ‡	Turnaround Time	Q30 §
25 M	SE100	2.5 Gb	~5 hours	>90%
25 M	PE150	7.5 Gb	~20 hours	>80%

* The maximum number of valid reads is obtained by running a specific standard library, and the actual application library will fluctuate by the sample type and library construction method.

† SE100 consumables can be used for SE50 sequencing, PE150 consumables can be used for PE100 sequencing, and read lengths can be customized in the sequencer user interface.

‡ Turnaround times include DNB loading and FASTQ generation time, excluding tag sequencing time.

§ The percentage of bases above Q30 and the running time are averaged over the entire run for a specific standard library, and the actual application performance is affected by sample type, library quality, insert length, etc.



*Unless otherwise informed, this StandardMPS sequencing reagent is not available in Germany, UK, Sweden, and Switzerland.

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