

Meet the NGS Workhorse



Accurate

No clonal errors or index hopping—resulting in >99% SNP/indel precision and sensitivity



Versatile

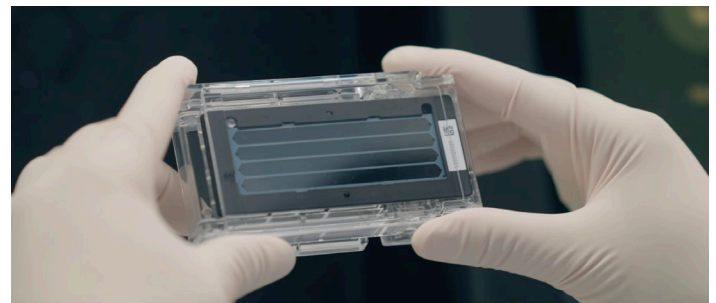
Multiple read lengths, from SE50 up to SE400 or PE300, generating 55-1440 GB of data per run



Flexible

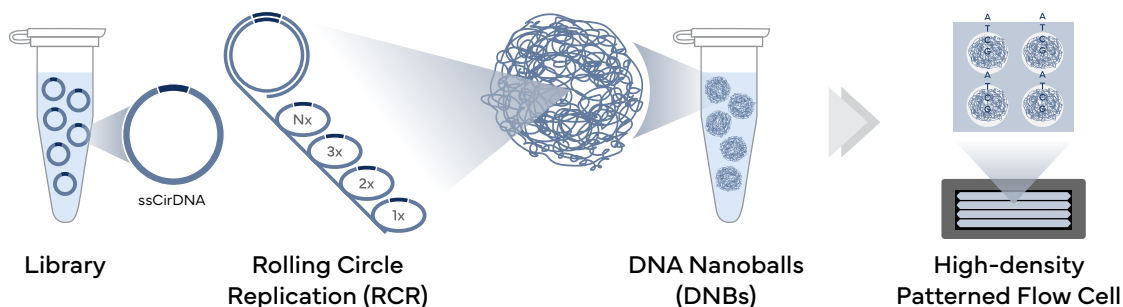
2 types of flow cells, offering 300M, 550M, and 1800M reads

DNBSEQ-G400 offers unparalleled accuracy, maximum versatility, and major flexibility to deliver seamless execution for diverse applications in one system. The G400 provides a comprehensive range of sequencing options, supporting read lengths up to SE400/PE300, generating up to 1440 Gb of data per run. It offers two types of flow cells (FCS and FCL), providing 300M-1800M reads per flow cell, with PE150 sequencing completed in as little as 37 hours. The system also features built-in primary data analysis and optimized optical and biochemical systems.





Proprietary DNBSEQ™ Technology

- No clonal error
- No index hopping
- Low duplication rate



For Research Use Only. Not for use in diagnostic procedures.

Performance Parameters

Flow Cell Type	Reads	Read Length	Data Output*	Run Time**	Q30
 FCS	550M	SE100	55 Gb	13 hr	>90%
		PE100	110 Gb	26 hr	>85%
		PE150	165 Gb	37 hr	>80%
	300M	PE300	180 Gb	98 hr	>80%
 FCL	1500-1800M	SE50	75-90 Gb	14 hr	>90%
		SE100	150-180 Gb	25 hr	>85%
		PE100	300-360 Gb	38 hr	>85%
		PE150	450-540 Gb	56 hr	>85%
		SE400	600-720 Gb	109 hr	>70%
		PE200	600-720 Gb	107 hr	>75%

*The data output is per 1 flow cell **Run time for 2 flow cells includes the sequencing time and data analysis time (barcode demultiplexing and FASTQ generation)
 Specifications are based on Complete Genomics E. coli control library using Complete Genomics standard library preparation method. Actual performance may vary based on library type, library quality, insert size, and other experimental factors.

Instrument Specifications

Model	Dimensions / Weight	Power	Operating Environment Requirements	Control Computer Configurations
DNBSEQ-G400	42.9 in (L) x 29.9 in (W) x 27.9 in (H) 440.9 lbs	Type: 100-240 V, 50/60 Hz Rated Power: 1200 VA	Temperature: 66.2°F - 77°F Relative Humidity: 20% RH-80% RH, non-condensing Atmospheric Pressure: 70 kPa-106 kPa Waterproof Rating: IPX0	CPU: Intel Xeon E5 10Core * 2 2.2Ghz Internal Storage: 256GB RAM HDD: 16 Tb SSD: 480 Gb Operating System: Windows 10 Enterprise

Your Data Security is Our Top Priority

All our sequencing platforms can work as standalone systems, from sample to result, without a network connection. As a result, there is no data breach risk, and you can be assured your data is secure.

To learn more, visit completegenomics.com

Contact us: US-TechSupport@completegenomics.com | 888-811-9644

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

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