

PacBio



Onso short-read system 為您帶來前所未有的定序精準度



超高精準度 — 透過獨特的 SBB* 技術將短讀取定序精準度提升至前所未有的 $\geq Q40$ 。

*SBB = Sequencing by binding



高靈敏度 — 發現其它定序平台難以偵測的低頻度變異，加速推動液態切片 (Liquid biopsy) 檢測研究。



高效率 — 以較 SBS 低的覆蓋深度完成實驗，增加實驗通量。



高相容性 — 可藉由專用試劑組與現有 NGS 定序製庫程序相容。



Instrument specifications

Operating environment	
Temperature	18–26°C (64–79°F)
Humidity	20–80% relative humidity, non-condensing
Altitude	Below 2,000 m (6,562 ft)
Sequencer dimensions	
W × D × H	37 in (94 cm) × 27 in (68.6 cm) × 30 in (76.2 cm)
Weight	272 lb
Crated W × D × H	52" × 38" × 41"
Crated weight	224 lb (crate) + 272 lb (sequencer)
Cluster generator dimensions	
W × D × H	16 in (39.6 cm) × 26 in (65.2 cm) × 18 in (45.5 cm)
Weight	99 lb
Crated W × D × H	22" × 33" × 28"
Crated weight	110 lb
Electrical power	
Power requirements	100–240 VAC at 50/60 Hz

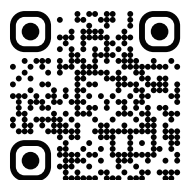
Compute	
Network connection	1 Gbps
ICC ¹ operating system	Windows 10 Enterprise
Output file format	FASTQ
Output file size	80–110 GB
Analysis PC	
W × D × H	8 in (20.3 cm) × 18.4 in (46.7 cm) × 18.1 in (45.9 cm)
Weight	33 lb

¹ICC = instrument control computer



Ordering information

Part number	Item	Description
102-837-000	Onso system	Sequencing instrument
102-837-100	Onso cluster generator	External cluster generator
102-860-200	Onso 200 cycle sequencing kit	Complete kits with flow cell, clustering reagents, and sequencing reagents
102-860-300	Onso 300 cycle sequencing kit	



Learn about Onso:
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