



## Revio system

### 以高通量、低成本的HiFi定序 看見更多可能



**高速產生  
海量HiFi數據**

單日產出 480Gb 高精準 HiFi數據，相當於每年可完成 2,500 個人類全基因體定序



**少量樣本  
廣泛應用**

僅需 500ng DNA，大幅降低樣本需求，擴大樣本類型



**高效運算**

整合Google Deep-Consensus演算法，並在機上可進行 5mC與6mA偵測



**高性價比**

將HiFi全基因體定價推進至500美元\*級別時代

\*以美國定價為例，僅包含試劑耗材成本，不含服務商工本費



# Instrument specifications

| Operating environment       |  |
|-----------------------------|--|
| Temperature                 | 19–25°C (66–77°F)  |
| Humidity                    | 20–80% relative humidity, non-condensing                     |
| Ventilation                 | 13,000 BTU (3,800 W)   |
| Altitude                    | Below 2,250 m (7,380 ft)                                     |
| Air quality                 | Pollution degree 2, indoor use only                          |
| Noise output                | <75 dB at 3.3 m (10 ft 10 in) from instrument                |
| Dimensions                  |  |
| W × D × H                   | 92.7 cm (36.5 in) × 91.4 cm (36.0 in) × 174.5 cm (68.7 in)   |
| Weight                      | 465 kg (1,025 lb)  |
| Floor space                 | 243.8 cm (96.0 in) × 138.5 cm (54.5 in)                      |
| Crated W × D × H            | 125.7 cm (49.0 in) × 115.3 cm (45.4 in) × 220.4 cm (87.0 in) |
| Crated weight               | 635 kg (1,400 lb)  |
| Electrical power            |  |
| Power requirements          | 200–240 VAC at 50-60 Hz, max 5 kVA / 4.8 kW / 24 A           |
| Compute                     |  |
| Network connection          | 1 GbE or 10 GbE, copper                                      |
| Instrument operating system | Ubuntu 22  |
| Output file format          | hifi_reads.bam; ~60 GB each, up to 78 TB per year            |

## Ordering information

| Part number | Consumable                  | Description  |
|-------------|-----------------------------|--|
| 102-090-600 | Revio system                | Sequencing instrument  |
| 103-520-100 | Revio SPRQ polymerase kit   | Reagents for binding polymerase supporting 24 Revio SMRT Cells |
| 102-202-200 | Revio SMRT Cell tray        | Tray of 4 Revio SMRT Cells                                     |
| 103-504-900 | Revio SPRQ sequencing plate | Sequencing reagents supporting 4 Revio SMRT Cells              |



Learn about Revio:  
[pacb.com/revio](https://pacb.com/revio)



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