

Genie II LAMP Isothermal Amplification Instrument

Technical specifications

Sample number	16 wells (2×8 strips)
Sample volume	10µl to 150µl
Touchscreen	High-brightness TFT/LCD module (800×480)
Heater technology	Ceramic substrate with resistive coating
Cooling method	Forced convention
Temperature sensor	High-precision thermistor
Temperature control type	Multi-zone independent digital PID
Temperature control range	Ambient - 110°C
Temperature accuracy	±0.1°C
Temperature uniformity across block	±0.2°C
Temperature gradient	Programmable up to 8°C
Optics Source	470 nm LED with high-quality interference filter 40 nm band pass
Detection Filter	510 nm longpass photodiode high-quality interference system
Operating temperature	10°C - 40°C
Approvals	CE
Power consumption (maximum)	150W
Dimensions	12cm (H) X 21cm (D) X 30cm (W)
Weight	2kg



NB: Quotations to be made STRICTLY for GENIE II, not GENIE III