



# Genie® II MkII

## ISOTHERMAL DNA / RNA AMPLIFICATION PLATFORM

Genie® II has been the flagship product of OptiGene since its launch early in 2011. A mark II version was launched in the middle of 2014 that features improved detection sensitivity, more powerful computing capabilities and the ability to host USB peripheral devices such as printers and barcode readers. It is a compact and portable instrument that supports any isothermal DNA / RNA amplification method. The key operational attributes are precise thermal control supported by highly-sensitive fluorescence measurements made in real-time. It runs stand-alone without the need for a computer and is operated from a simple user interface from a large touchscreen display. This extremely powerful and flexible platform includes two independent heating blocks, each taking an 8-microtube strip that has been optimised for efficient thermal transfer and sensitive fluorescence measurement. Genie® II has an internal rechargeable battery, allowing operation for a full day without the requirement for mains electricity.

- Isothermal DNA amplification with precise temperature control
- Single channel fluorescence measurement in real-time
- Two independent blocks – up to 16 samples
- Lightweight: 2.25 kg (5 lb)



- Compact: 280 mm(W) x 225 mm(D) x 125 mm(H) [11" x 9" x 5"]
- Low power consumption from 24 VDC input
- Internal long-lasting and fast-charging Li-Po battery
- Stand-alone operation via 7" resistive touchscreen
- Internal data storage and upload via USB connection to PC
- Support for peripheral devices over USB

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