



Fluorometer — Fluo-200

Fluo-200 is used for high sensitivity quantitative analysis of DNA, RNA and protein. Easy and humanized software, intuitive user interface and rapid test method greatly shorten the testing time.

Model	Fluo-200
Light source	LED
Excitation filter	Blue: 460±20 nm Red: 625±20 nm
Emission filter	Green: 525-570 nm (45 nm) Red: 670-725 nm (55 nm)
Detector	Photodiode
Throughput	1
Sample tube type	0.5 mL PCR tube
Linear	$R^2 \geq 0.995$
Linear range	5 orders of magnitude
Sensitivity (detection limit)	<0.1 pg/uL (dsDNA HS)
Measurement time	≤5 s/sample
Input power	24 V 2 A
Operating voltage	100-240 V@50-60 Hz
External port	USB (Type A) ×2, USB (Type B) ×1, LAN ×1
Display	7-inch touch screen
Size (D×W×H)	286×161×61 mm
Weight	1.5 kg
Storage capacity	20000 programs