Specifications	
Block change design	Block change from front of instrument in less than 1 min; no secondary tools required
Temperature uniformity	±0.5°C, within 30 sec of reaching temperature set point
Run time	~35 min for 384-well, ~30 min for 0.2 mL 96-well and 0.1 mL Fast 96-well (using Applied Biosystems® Fast Master Mix)
Demonstrated sensitivity	Down to 1 copy
Dynamic range	Up to 9 logs of linear dynamic range
Supported applications	Standard curve, Comparative C_t, Genotyping, Presence/Absence, HRM, Melt curve
Resolution	Detect changes as little as 1.5-fold in target quantities in singleplex reaction
Supported blocks and volume	96-well standard (10–100 µL reactions) 96-well Fast (10–30 µL reactions) 384-well (5–20 µL reactions) TaqMan® Array Micro Fluidic Cards (~1 µL reactions)
Excitation/detection wavelengths	6 excitation (450–670 nm) 6 emission (500–720 nm)
21 CFR p11 enablement	Security and auditing features for instrument data
Power	100–240 V, ~50/60 Hz
Automation	Includes plate-loading arm w/ barcode (sales, service, and support provided by Life Technologies)
Remote monitoring	Ability to monitor 15 instruments at a time; optional Smart Monitoring Service for remote instrument diagnostic monitoring by Life Technologies
Remote notification	Emails user when run is started, stopped, or aborted
Data export format	Fully configurable by user
Dimension (W x D x H)	53.3 cm (21 in) x 63.5 cm (25 in) x 64.5 cm (25.4 in)
Weight	66.9 kg (148 lb)

Ordering information

Instrument systems	P/N
Applied Biosystems® ViiA™ 7 Real-Time PCR System with 384-Well Block	4453536
Applied Biosystems® ViiA™ 7 Real-Time PCR System with TaqMan® Array Block	4453537
Applied Biosystems® ViiA™ 7 Real-Time PCR System with 96-Well Fast Block	4453535
Applied Biosystems® ViiA™ 7 Real-Time PCR System with 96-Well Block	4453534

Accessories	
ViiA™ 7 System Automation Accessory Robot (100–240 V)	4453551
384-Well Block Upgrade Kit	4453545
TaqMan® Array Upgrade Kit	4453546
96-Well Fast Block Upgrade Kit	4453544
96-Well Block Upgrade Kit	4453543

Services	
1-Year Extended Warranty, ViiA™ 7 System	ZG61SCVIIA7

Software add-ons	
ViiA™ 7 Software HRM Module	4453724
ViiA™ 7 Software 21 CFR Part 11 Module	4453723

Life Technologies offers a breadth of products   DNA | RNA | PROTEIN | CELL CULTURE | INSTRUMENTS

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