

Alinity Specification

Feature	ALINITY c	ALINITY i
Dimension (H x W x D)	134 x 119 x 117 cm/1.39 m ²	134 x 119 x 117 cm/1.39 m ²
Methods	Photometric, Potentiometric	Chemiluminescence
Maximum Throughput	Up to 1350 TPH	Up to 200 TPH
Throughput/m ²	Up to 971 TPH/m ²	Up to 144 TPH/m ²
Scalability	Up to 4 modules controlled by one System Control Module (SCM)*	
Continuous Access of Reagents, Calibrators, Controls and Consumables	Yes	Yes
Flexible Stat Options	Prioritize single rack as needed or configure multiple fixed positions	
Sample Types	Serum, plasma, urine, cerebrospinal fluid, hemolysate, whole blood	Serum, plasma, whole blood, urine
Sample Capacity	150	150
Sample Bar Code Types	Code 128, Standard Code 39, Interleaved 2 of 5, Codabar	Code 128, Standard Code 39, Interleaved 2 of 5, Codabar
Sample Result Storage	200,000	200,000
Dead Volume	50 µL (sample cup)	50 µL (sample cup)
Sample Volume [†]	1.5–35 µL	2–200 µL
Sample Probe Carryover	≤0.1 parts per million [‡]	≤0.1 parts per million [‡]
Reagent Capacity	Up to 70 refrigerated reagent cartridges onboard plus patented ISE (Na ⁺ , K ⁺ , and Cl ⁻)	Up to 47 refrigerated reagent cartridges onboard
Reagent Type	100% liquid ready-to-use	100% liquid ready-to-use
Reagent Onboard Stability [†]	5–60 days	15–30 days
Automated Onboard Calibrators and Controls [†]	Yes	Yes (controls only)
Calibration Frequency [†]	1–60 days	15–30 days
Sample, Clot and Bubble Detection	Yes	Yes
Reagent Pressure Monitoring	Yes	Yes
Sample Interference Measurement	Yes; hemolysis, icterus, and lipemia	No
On Board Maintenance Records	Yes	Yes
Online Error Code Help	Yes	Yes
Host Interface	HL7 or ASTM	HL7 or ASTM
Remote Diagnostics	AbbottLink	AbbottLink
Weight	712 Kg	624 kg
Electrical Requirements	SCM: 90–264 V, 16 amp Each Instrument: 180–264 V, 16 amp	SCM: 90–264 V, 16 amp Each Instrument: 180–264 V, 16 amp
Water Requirements	Average: 27 L/hr Max [§] : <30 L/hr	Average: <10 L/hr Max [§] : <30 L/hr
Heat Output (processing)	Average 2005 Btu	Average 1634 Btu
Noise Level (1 m)	Alinity c: 55.9 dBA Alinity i: 63.4 dBA	Alinity c: 55.9 dBA Alinity i: 63.4 dBA
Laboratory Automation Connection	ACCELERATOR a3600	ACCELERATOR a3600
Price Included	1. Cable, Module Main Power, International 2. System Control Module 3. Cable, SCM Power, International, 200V - 250V 4. Monitor 5. Firewall 6. Safety Information 7. Accessory Kit # 1 8. Accessory Kit # 2 9. Reagent Coolant 10. Customer Maintenance Kit 11. External Waste Pump 12. High Concentration Waste Bottle Kit 13. Printer 14. UPS 15. Water treatment	1. Power International 2. System Control Module 3. Cable SCM Power 4. Monitor 5. Firewall 6. Distance Alert 7. Accessory Kit 8. Reagent Coolant 9. External Waste Pump 10. Hand Held Barcode Scanner 11. Diagnostic Kit 12. Cleaning Cartridge 13. Printer 14. UPS 15. Water treatment