

PRODUCT SPECIFICATIONS

Refer to the Operations Manual for operational precautions, limitations and hazards. Refer to assay instructions for use for the latest product specifications. Manuals and instructions for use can be found on www.abbottdiagnostics.com

ARCHITECT^{PLUS} i1000SR



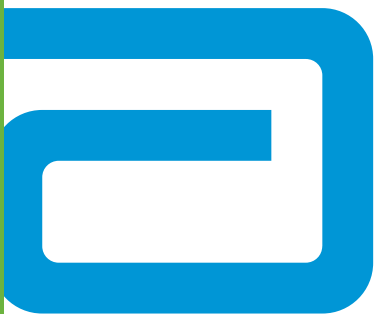
Physical Dimension (H x W x D)	49" x 59" x 30" (125.1 x 149.9 x 76.2 cm)	
Weight	636 lb/288 kg	
Power Requirements	110-120 volts with 20 amp dedicated circuit breaker or 200-240 volts with 10 amp dedicated circuit breaker Maximum power consumption	1760 VA (1.76 kVA)
Environmental	Heat output Operating temperature Noise specifications Purified Water	2400 BTU/hr, Running Mode 59-86°F (15-30°C) 55 db Required for reconstituting buffer
Waste	Liquid Output	Floor drain or onboard liquid waste container 1.5 litres/hour maximum
Consumables	Onboard buffer capacity Onboard RV storage Onboard liquid waste capacity Onboard solid waste (RV) capacity Trigger/pre-trigger	12 liter capacity Up to 360 RVs 10 litres 1,000 RVs 3,000 and 9,000 tests
Throughput	Up to 100 test per hour (1-Step STAT Assays)	
Capacity	Sample load-up Reagent	65 sample capacity with up to 35 STAT positions 25, 100 test kits (2,500 tests)
Stability	Onboard reagent	Up to 30 days (tracked in hours)
Methods	CHEMIFLEX	
Sample Types	Serum, plasma, urine, whole blood	
Sample Tubes	Height: 72-102 mm, Diameter: 9.6-16.1 mm	
Sample Cup	Yes, (50 µL dead volume)	
Sample Volume	10-150 µL, average: 50 µL	
Automatic Dilution	Yes	
Sample-to-sample Carryover	<0.1 parts per million	
Reagent Type	All liquid ready-to-use	
Sample Clot and Bubble Detection	Yes	
Reagent Pressure Monitoring	Yes	
Remote System Diagnostics	Yes, AbbottLink	

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Abbott
Diagnostics



MAXIMIZING PRODUCTIVITY
FOR LABS LIKE YOURS

ARCHITECT^{PLUS}

/ 1000SR



Put science on your side.

 **Abbott**
A Promise for Life

ARCHITECT^{PLUS}
i1000sR Immunoassay System

MANAGE YOUR WORKLOAD
WITH LESS EFFORT



An agile immunoassay analyzer
specifically designed for the complex
workload requirements of labs like yours.



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Streamlined workload management

- Continuous access to reagents, samples and supplies
- 65 sample load capacity
- 13 universal bays; up to 7 customizable priority bays
- Refrigerated reagent carousel features 25 reagent position (*100 test kits*)
- Reagents stable onboard for up to 30 days (*tracked in hours*)

Testing handled with care

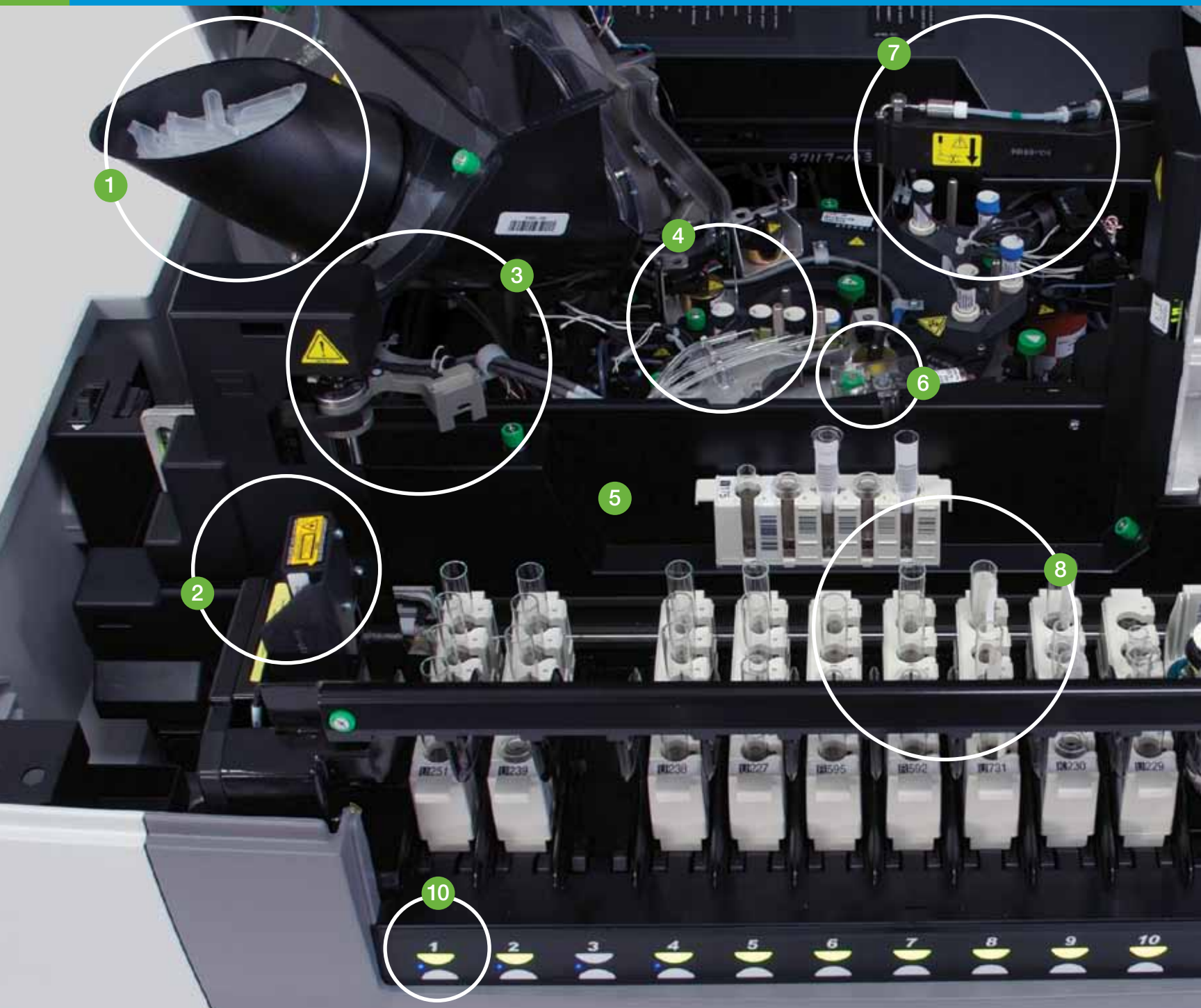
- Fewer workflow pauses
- Simple and easy to operate
- Low maintenance (10 minutes of daily maintenance)
- Intuitive ARCHITECT software

STATs prioritized fast

- Immediate STAT processing
- Automatically run priority tests first
- Consistent turnaround time of 15 minutes on STAT assays
- Up to 7 customizable priority bays

ARCHITECT^{PLUS}
i1000sr Immunoassay System

GREATER EFFICIENCY.
OPTIMAL WORKFLOW.



- Continuous access reagent loading/unloading and customizable sample bays for **enhanced productivity**.
- Excellent workload management **for timely and accurate patient results**.



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- 1 **Reaction vessel hopper** (360 RV capacity)
- 2 **Bar code reader** (reagents and samples)
- 3 **Robotic Sample Handler (RSH) transport robot**
- 4 **Wash zone**
- 5 **Sample aspiration platform**
- 6 **Patented probe wash cup**
- 7 **Pipettor**
- 8 **RSH universal bays** (65 sample load-up capacity; 13 universal bays, including up to 7 customizable priority bays)
- 9 **Refrigerated reagent carousel** (features 25 reagent positions, 100 test kits; reagents stable onboard for up to 30 days)
- 10 **RSH intuitive indicator lights**

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ARCHITECT: RISE ABOVE EVERYDAY CHALLENGES

ARCHITECT i1000sr
reagent carrier



ARCHITECT
software



ARCHITECT
software



ARCHITECT universal
sample carrier

True Family Commonality

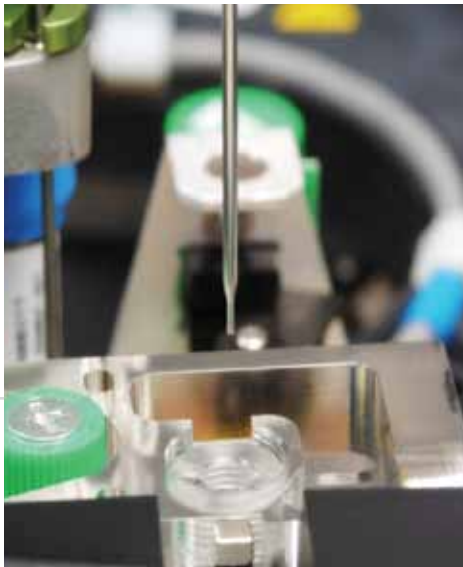
The ARCHITECT i1000sr exemplifies the design philosophy of the ARCHITECT family of analyzers

Identical CHEMIFLEX technology, 100 test kit reagents, assay protocols and consumables

Identical ARCHITECT software

Identical universal ARCHITECT sample carrier

The benefits: **equivalent patient results across all ARCHITECT immunoassay instruments and a simple, consistent user experience**



ARCHITECT
i1000SR
wash cup



ARCHITECT
ci4100

Enhanced System and Assay Dynamics

CHEMIFLEX technology with flexible assay protocols delivers exceptional detection and improved sensitivity

New patented wash cup design and wash algorithm effectively control sample carryover (<0.1 ppm tube to tube)

Pressure sensitive technology enables detection of clots, bubbles and insufficient sample volume to reduce analytical error and improve patient safety

The benefits: **certainty and confidence in the clinical results**

Integration Without Compromise

Conceived and designed for integration with the c4000 chemistry analyzer → ci4100

Fast STATs: The ARCHITECT Robotic Sample Handler (RSH) provides “load on the fly” continuous access to both reagents and samples and allows the lab to prioritize tests through customizable priority bays

The benefits: **handle the most urgent samples first without compromising your routine testing**