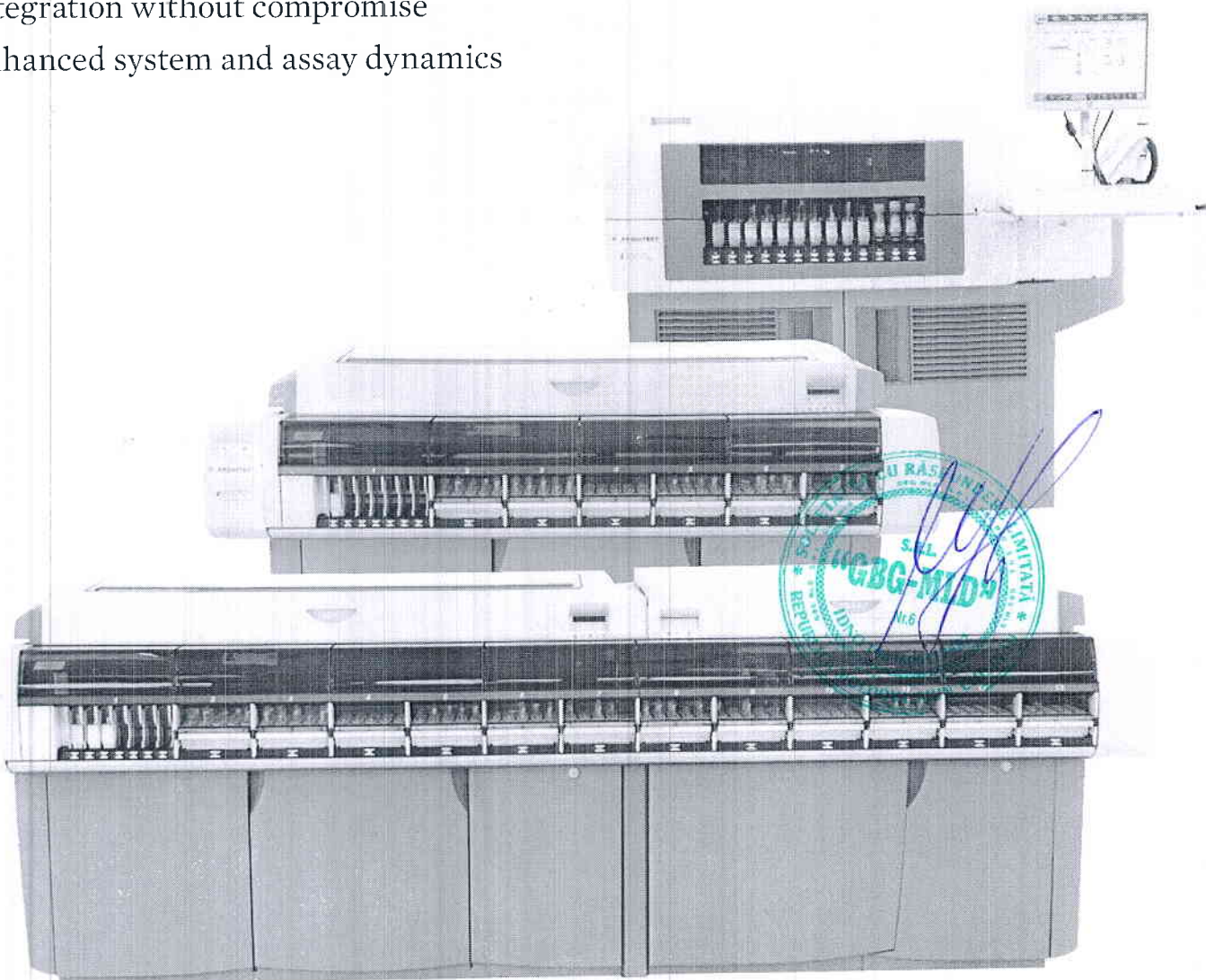




ARCHITECT SPECIFICATIONS

Choosing your ARCHITECT System

- True family commonality
- Integration without compromise
- Enhanced system and assay dynamics



CHOOSE TRANSFORMATION

DISTINGUISHING FEATURES OF THE ARCHITECT c4000, c8000, c16000, i1000SR, i2000SR, i4000

	c4000	c8000	c16000	i1000SR
Methods	Photometric, Potentiometric, Turbidimetric	Photometric, Potentiometric, Turbidimetric	Photometric, Potentiometric, Turbidimetric	CHEMIFLEX
Maximum Throughput	Up to 800 tests/hour	Up to 1,200 tests/hour	Up to 1,800 tests/hour	Up to 100 tests/hour
Sample Types	Serum, Plasma, Urine, CSF	Serum, Plasma, Urine, CSF	Serum, Plasma, Urine, CSF	Serum, Plasma, Whole Blood, Urine
Sample Tubes	Height: 72 – 102 mm Diameter: 9.6 – 16.1 mm	Height: 72 – 102 mm Diameter: 9.6 – 16.1 mm	Height: 72 – 102 mm Diameter: 9.6 – 16.1 mm	Height: 72 – 102 mm Diameter: 9.6 – 16.1 mm
Sample Cup	Yes (50 µL dead volume)	Yes (50 µL dead volume)	Yes (50 µL dead volume)	Yes (50 µL dead volume)
Sample Capacity	100	215	215	65
Sample Barcode Types	Code 39, Codabar, Interleaved 2 of 5, Code 128	Code 39, Codabar, Interleaved 2 of 5, Code 128	Code 39, Codabar, Interleaved 2 of 5, Code 128	Code 39, Codabar, Interleaved 2 of 5, Code 128
Sample Result Storage	50,000	50,000	50,000	50,000
Sample Volume	1.5 – 35 µL, Average: 7 µL	1.5 – 35 µL, Average: 7 µL	1.5 – 35 µL, Average: 7 µL	10 – 150 µL, Average: 50 µL
Automatic Dilution	Yes	Yes	Yes	Yes
Sample Probe Carryover	≤ 0.1 parts per million	≤ 0.1 parts per million	≤ 0.1 parts per million	≤ 0.1 parts per million
Reagent Capacity	Approximately 55 refrigerated reagent kits onboard plus patented ISE (Na ⁺ , K ⁺ , and Cl ⁻)	Up to 65 refrigerated positions plus patented ISE (Na ⁺ , K ⁺ , and Cl ⁻)	Up to 65 refrigerated positions plus patented ISE (Na ⁺ , K ⁺ , and Cl ⁻)	25 refrigerated positions
Reagent Type	> 95% Liquid ready-to-use	> 95% Liquid ready-to-use	> 95% Liquid ready-to-use	100% Liquid ready-to-use
Reagent Onboard Stability	5 – 65 days, Avg. 40 days	5 – 65 days, Avg. 40 days	5 – 65 days, Avg. 40 days	30 days
Calibration Frequency	1 – 60 days, Average: 25 days	1 – 60 days, Average: 25 days	1 – 60 days, Average: 25 days	Calibrate with new lot number, if controls are out of range or if specified otherwise within the package insert
Sample, Clot and Bubble Detection	Yes	Yes	Yes	Yes
Reagent Pressure Monitoring	Yes	No	Yes	Yes
Sample Interference Measurement	Yes, Hemolysis, Icterus, and Lipemia	Yes, Hemolysis, Icterus, and Lipemia	Yes, Hemolysis, Icterus, and Lipemia	No
System Control Center	1 SCC, with color touchscreen monitor, keyboard, and mouse	1 SCC, with color touchscreen monitor, keyboard, and mouse	1 SCC, with color touchscreen monitor, keyboard, and mouse	1 SCC, with color touchscreen monitor, keyboard, and mouse
On Board Maintenance Records	Yes	Yes	Yes	Yes
Online Error Code Help	Yes	Yes	Yes	Yes
Host Interface	Bidirectional, serial RS-232 interface, host query option available	Bidirectional, serial RS-232 interface, host query option available	Bidirectional, serial RS-232 interface, host query option available	Bidirectional, serial RS-232 interface, host query option available
Remote Diagnostics	AbbottLink	AbbottLink	AbbottLink	AbbottLink
Dimensions (H x W x D)	49" x 63" x 36" 125.1 x 160 x 90.7 cm	48" x 79" x 49" 121.9 x 200.6 x 124.5 cm	48" x 79" x 49" 121.9 x 200.6 x 124.5 cm	49" x 59" x 30" 125.1 x 149.9 x 76.2 cm
Weight	1,132 lbs 513.5 kg	1,425 lbs 646.4 Kg	1,545 lbs 701 Kg	636 lbs 288 Kg
Electrical Requirements	AC 180-264V, 47-63 Hz, 20 Amp	AC 180-264V, 47-63 Hz, 20 Amp	AC 180-264V, 47-63 Hz, 20 Amp	AC 110-240V ±10%, 47-63 Hz
Water Requirements	Deionized Water 15 liters/hour	Deionized Water 25 liters/hour	Deionized Water ≤ 54 liters/hour	Purified water to dilute buffer concentrate
Heat Output*	3050 BTU/hr, Running Mode	3400 BTU/hr, Running Mode	4730 BTU/hr, Running Mode	2400 BTU/hr, Running Mode

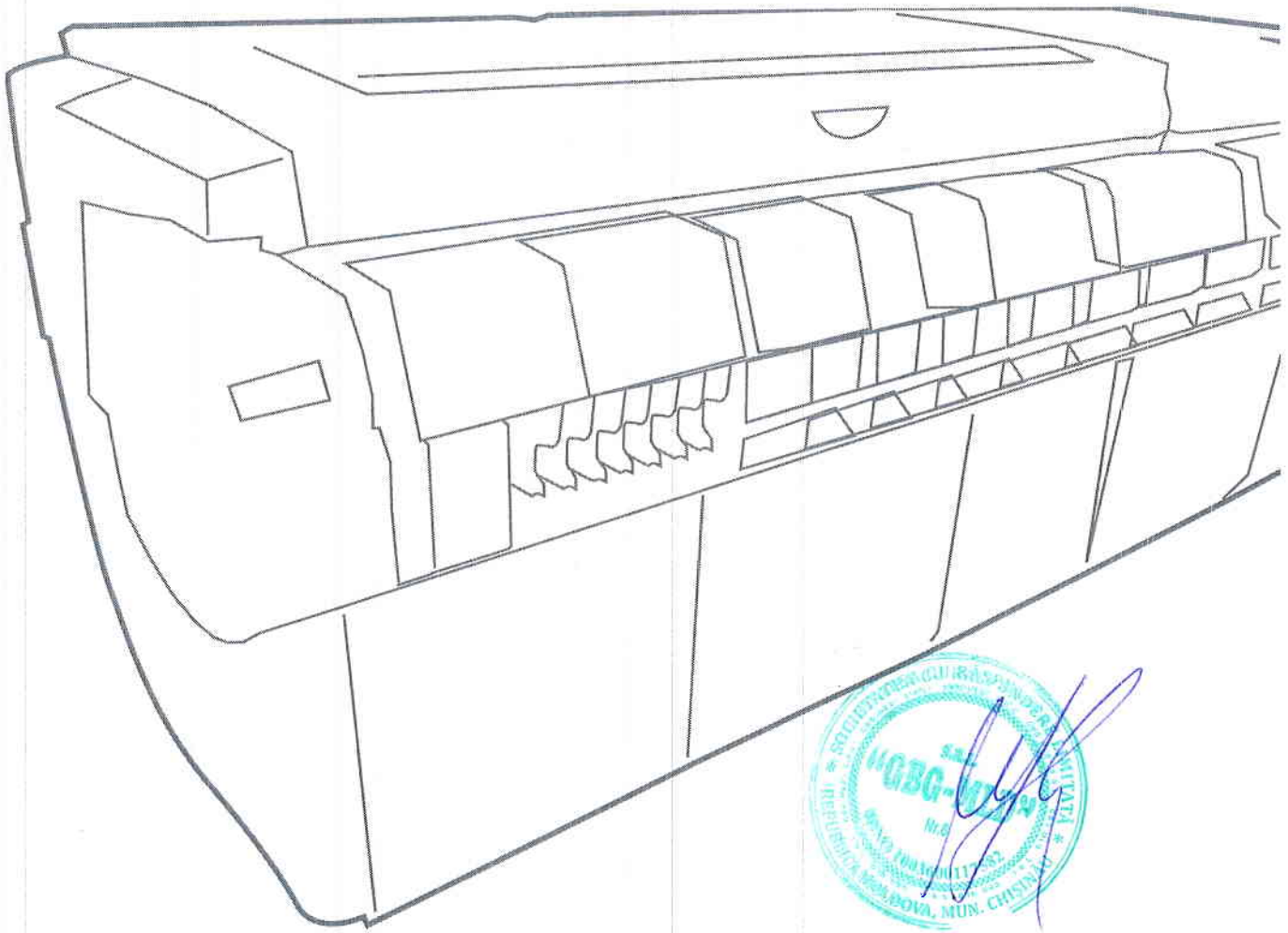
* Values provided represent the typical output in "Running" mode for the system processing module and sample handler. A maximum value of 339 BTU/hr was obtained for the System.

i1100, i8200 AND i16200 SYSTEMS.

i1100SR	i4000SR	i4100	i8200	i16200
EMIFLEX	CHEMIFLEX	See c4000 and i1000SR specifications	See c8000 and i2000SR specifications	See c16000 and i2000SR specifications
to 200 tests/hour	Up to 400 tests/hour	Up to 900 tests/hour	Up to 1,400 tests/hour	Up to 2,000 tests/hour
um, Plasma, ole Blood, Urine	Serum, Plasma, Whole Blood, Urine	See c4000 and i1000SR specifications	See c8000 and i2000SR specifications	See c16000 and i2000SR specifications
ght: 72 – 102 mm meter: 9.6 – 16.1 mm	Height: 72 – 102 mm Diameter: 9.6 – 16.1 mm	Height: 72 – 102 mm Diameter: 9.6 – 16.1 mm	Height: 72 – 102 mm Diameter: 9.6 – 16.1 mm	Height: 72 – 102 mm Diameter: 9.6 – 16.1 mm
(50 µL dead volume)	Yes (50 µL dead volume)	Yes (50 µL dead volume)	Yes (50 µL dead volume)	Yes (50 µL dead volume)
	285	180	365	365
le 39, labar, rleaved 2 of 5, le 128	Code 39, Codabar, Interleaved 2 of 5, Code 128	Code 39, Codabar, Interleaved 2 of 5, Code 128	Code 39, Codabar, Interleaved 2 of 5, Code 128	Code 39, Codabar, Interleaved 2 of 5, Code 128
000	50,000	50,000	50,000	50,000
- 150 µL, range: 50 µL	10 – 150 µL, Average: 50 µL	See c4000 and i1000SR specifications	See c8000 and i2000SR specifications	See c16000 and i2000SR specifications
	Yes	Yes	Yes	Yes
1 parts per million	≤ 0.1 parts per million	≤ 0.1 parts per million	≤ 0.1 parts per million	< 0.1 parts per million
refrigerated positions	50 refrigerated positions	Approximately 80 refrigerated reagent kits onboard plus patented ISE (Na ⁺ , K ⁺ , and Cl ⁻)	Up to 90 refrigerated positions plus patented ISE (Na ⁺ , K ⁺ , and Cl ⁻)	Up to 90 refrigerated positions plus patented ISE (Na ⁺ , K ⁺ , and Cl ⁻)
% Liquid ready-to-use	100% Liquid ready-to-use	See c4000 and i1000SR specifications	See c8000 and i2000SR specifications	See c8000/c16000 and i2000SR specifications
lays	30 days	See c4000 and i1000SR specifications	See c8000 and i2000SR specifications	See c16000 and i2000SR specifications
ibrate with new lot number, ontrols are out of range or if cified otherwise within the kage insert	Calibrate with new lot number, if controls are out of range or if specified otherwise within the package insert	See c4000 and i1000SR specifications	See c8000 and i2000SR specifications	See c16000 and i2000SR specifications
	Yes	Yes	Yes	Yes
	Yes	See c4000 and i1000SR specifications	See c8000 and i2000SR specifications	See c16000 and i2000SR specifications
	No	Yes, Hemolysis, Icterus, and Lipemia	Yes, Hemolysis, Icterus, and Lipemia	Yes, Hemolysis, Icterus, and Lipemia
CC, with color chscreen monitor, board, and mouse	1 SCC, with color touchscreen monitor, keyboard, and mouse	1 SCC, with color touchscreen monitor, keyboard, and mouse	1 SCC, with color touchscreen monitor, keyboard, and mouse	1 SCC, with color touchscreen monitor, keyboard, and mouse
	Yes	Yes	Yes	Yes
	Yes	Yes	Yes	Yes
irectional, serial RS-232 rface, host query option available	Bidirectional, serial RS-232 interface, host query option available	Bidirectional, serial RS-232 interface, host query option available	Bidirectional, serial RS-232 interface, host query option available	Bidirectional, serial RS-232 interface, host query option available
ottLink	AbbottLink	AbbottLink	AbbottLink	AbbottLink
x 61" x 49" 9 x 154.9 x 124.5 cm	48" x 127" x 49" 121.9 x 322.6 x 124.5 cm	49" x 111" x 36" 125.1 x 281.2 x 90.7 cm	48" x 127" x 49" 121.9 x 322.6 x 124.5 cm	48" x 127" x 49" 121.9 x 322.6 x 124.5 cm
11 lbs 1.3 Kg	2,162 lbs 980.7 kg	1,677 lbs 760.7 Kg	2,447 lbs 1109.9 Kg	2,679 lbs 1215 Kg
180-264V, 47-63 Hz	AC 180-264V, 47-63 Hz	AC 180-264V, 47-63 Hz	AC 180-264V, 47-63 Hz	AC 180-264V, 47-63 Hz
ified water to dilute fer concentrate	Purified water to dilute buffer concentrate	See c4000 and i1000SR specifications	See c8000 and i2000SR specifications	See c16000 and i2000SR specifications
0BTU/hr, Running Mode	See i2000SR specifications	See c4000 and i1000SR specifications	See c8000 and i2000SR specifications	See c16000 and i2000SR specifications



1000 SR (SCC) using the i2000SR as a representative system. Values obtained during an internal study. Data is on file with Abbott Diagnostics.



Refer to the Operations Manual for operational precautions, limitations and hazards. Manuals can be found on www.abbottdiagnostics.com.

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