

Chemistry Analyzers

	Abbott Diagnostics	Beckman Coulter	Beckman Coulter
Name of product	Abbott Park, Ill (847) 937-6100 www.abbottdiagnostics.com	Brea, Calif (800) 526-3821 www.beckmancoulter.com	Brea, Calif (800) 526-3821 www.beckmancoulter.com
1) What does this product detect?	Abbott ARCHITECT immunochemistry analyzers	AU480	AU680
2) This product is used in:	ARCHITECT performs approximately 150 different clinical chemistry and immunoassay tests: general chemistry, toxicology, metabolic and cardiac markers, specific proteins, therapeutic drugs, and infectious diseases	General chemistry, special proteins, therapeutic drugs, drugs of abuse, serology, cardiac	General chemistry, special proteins, therapeutic drugs, drugs of abuse, serology, cardiac
3) Please briefly explain "other":	<input checked="" type="checkbox"/> hospital or other large lab <input checked="" type="checkbox"/> a physician's office <input checked="" type="checkbox"/> at the points of care <input type="checkbox"/> other	<input checked="" type="checkbox"/> hospital or other large lab <input checked="" type="checkbox"/> a physician's office <input type="checkbox"/> at the points of care <input type="checkbox"/> other	<input checked="" type="checkbox"/> hospital or other large lab <input checked="" type="checkbox"/> a physician's office <input type="checkbox"/> at the points of care <input checked="" type="checkbox"/> other
4) Intended volume use:	N/A	N/A	Reference lab, toxicology
5) What is the throughput under ideal conditions?	<input checked="" type="checkbox"/> high volume <input checked="" type="checkbox"/> medium volume <input checked="" type="checkbox"/> low volume	<input type="checkbox"/> high volume <input type="checkbox"/> medium volume <input checked="" type="checkbox"/> low volume	<input checked="" type="checkbox"/> high volume <input checked="" type="checkbox"/> medium volume <input type="checkbox"/> low volume
6) Are there any automation options?	Throughput is up to 1,800 clinical chemistry and 200 immunoassay tests per hour.	800 tests/hour	1,200 tests/hour
7) How long does it take to train a tech on the instrument?	ARCHITECT analyzers offer labor-saving automation with the ACCELERATOR p540 automated sample handling system and the ACCELERATOR Automated Processing System (APS). Labs can streamline operations, improve efficiency, reduce errors, and improve turnaround times.	No	Yes, connection to Beckman Power Processor
8) What is the product's price range?	The automated system requires minimal technician training time	2 days	4 days
9) For controls, which analyzers can this product be used with?	Contact Abbott representative for pricing information.	\$140,000	\$213,000
10) Briefly describe what sets this product apart from others in the market	The Abbott ARCHITECT analyzer	All general chemistry, specialty, TDM, or DAT control material	All general chemistry, specialty, TDM, or DAT control material
	Abbott ARCHITECT analyzers are fully automated and help labs manage increasing testing volumes by eliminating several manual steps, consolidating workloads, and expediting results reporting. ARCHITECT satisfies the need for an automated, reliable, and cost-effective clinical chemistry system. Further, Abbott verifies ARCHITECT quality with Six Sigma metrics and offers a full suite of safeguards to prevent errors and identify potential problems before the result leaves the lab.	Small footprint, extensive menu (125 assays), STAT interrupt capability, high performance ISE, lowest mean time between failure (MTBF)	Extensive menu (125 assays), STAT interrupt capability, high-performance ISE, low MTBF, integration options with automation and immunoassay

<p>Beckman Coulter</p> <p>Brea, Calif (800) 526-3821 www.beckmancoulter.com</p>	<p>Beckman Coulter</p> <p>Brea, Calif (800) 526-3821 www.beckmancoulter.com</p>	<p>Carolina Liquid Chemistries Corp</p> <p>Winston-Salem, NC (877) 722-8912 www.carolinachemistries.com</p>
AU5800	DxC800	CLC720
<p>General chemistry, special proteins, therapeutic drugs, drugs of abuse, serology, cardiac</p>	<p>General chemistry, special proteins, therapeutic drugs, drugs of abuse, serology, cardiac</p>	<p>More than 80 general chemistry tests, including urine drug tests and adulterant tests: 6-AM, ACET, AMPH, BARB, BENZ, BUP, CARI*, COCM, EDDP, ETG, ETOH, FENT*, MEP*, METD, OP, OXY, PCP, PROX, SAL, TAP*, TCA, THC, TRAM*, UCREA, XTSY, ZOL*, Aldehyde, BUN, chromate reagent, halogen, nitrite, oxidant, pH reagent, specific gravity, and more (* for forensic use).</p>
<p><input checked="" type="checkbox"/> hospital or other large lab <input type="checkbox"/> a physician's office <input type="checkbox"/> at the points of care <input checked="" type="checkbox"/> other</p>	<p><input checked="" type="checkbox"/> hospital or other large lab <input type="checkbox"/> a physician's office <input type="checkbox"/> at the points of care <input type="checkbox"/> other</p>	<p><input checked="" type="checkbox"/> hospital or other large lab <input checked="" type="checkbox"/> a physician's office <input checked="" type="checkbox"/> at the points of care <input checked="" type="checkbox"/> other</p>
Toxicology, dialysis	N/A	<p>Pain management labs Oncology labs Family practice lab Rheumatology lab</p>
<p><input checked="" type="checkbox"/> high volume <input type="checkbox"/> medium volume <input type="checkbox"/> low volume</p>	<p><input checked="" type="checkbox"/> high volume <input checked="" type="checkbox"/> medium volume <input type="checkbox"/> low volume</p>	<p><input type="checkbox"/> high volume <input checked="" type="checkbox"/> medium volume <input type="checkbox"/> low volume</p>
3,800 to 9,800 tests/hour	1440 tests/hour	CLC720 is capable of performing up to 640 tests/hour without Li.
Yes, connection to Beckman Power Processor, Power Express	Yes, connection to Beckman Power Processor	N/A
1 week	4 days	3 days
\$266,000 to \$890,000	\$340,000	For pricing information please contact Carolina Liquid Chemistries
All general chemistry, specialty, TDM, or DAT control material	All general chemistry, specialty, TDM, or DAT control material	N/A
<p>Fastest throughput (up to 9,800 tests/hour), extensive menu (125 assays), STAT interrupt capability, high-performance ISE, low MTBF, integration options with automation and immunoassay</p>	<p>Closed-tube sampling, STAT turnaround time (less than 1 minute for 14 assays), PROService Internet-based remote diagnostics, integration options with automation and immunoassay</p>	<p>One of the largest test menus. Excellent calibration curve for urine drug tests. Produces same-day results in ng/mL. Designed in this century. Takes up less space. Makes less noise. Generates less heat.</p>

Chemistry Analyzers

	Carolina Liquid Chemistries Corp	Carolina Liquid Chemistries Corp	Nova Biomedical
	Winston-Salem, NC (877) 722-8912 www.carolinachemistries.com	Winston-Salem, NC (877) 722-8912 www.carolinachemistries.com	Waltham, Mass (781) 894-0800 www.novabiomedical.com
Name of product	CLC480	BS200	Stat Profile pH0x Ultra
1) What does this product detect?	More than 80 general chemistry tests, including urine drug tests and adulterant tests: 6-AM, ACET, AMPH, BARB, BENZ, BUP, CARI*, COCM, EDDP, EtG, ETOH, FENT*, MEP*, METD, OP, OXY, PCP, PROX, SAL, TAP*, TCA, THC, TRAM*, UCREA, XTSY, ZOL*, Aldehyde, BUN, chromate reagent, halogen, nitrite, oxidant, pH reagent, specific gravity, and more (* for forensic use).	More than 80 general chemistry tests, including urine drug tests and adulterant tests: 6-AM, ACET, AMPH, BARB, BENZ, BUP, CARI*, COCM, EDDP, EtG, ETOH, FENT*, MEP*, METD, OP, OXY, PCP, PROX, SAL, TAP*, TCA, THC, TRAM*, UCREA, XTSY, ZOL*, aldehyde, BUN, chromate reagent, halogen, nitrite, oxidant, pH reagent, specific gravity, and more (* for forensic use).	Individual tests include pH, PCO ₂ , PO ₂ , SO ₂ %, hematocrit, hemoglobin, sodium, potassium, chloride, ionized calcium, ionized magnesium, glucose, BUN, creatinine, lactate, and bilirubin
2) This product is used in:	<input checked="" type="checkbox"/> hospital or other large lab <input checked="" type="checkbox"/> a physician's office <input checked="" type="checkbox"/> at the points of care <input checked="" type="checkbox"/> other	<input checked="" type="checkbox"/> hospital or other large lab <input checked="" type="checkbox"/> a physician's office <input checked="" type="checkbox"/> at the points of care <input checked="" type="checkbox"/> other	<input checked="" type="checkbox"/> hospital or other large lab <input type="checkbox"/> a physician's office <input type="checkbox"/> at the points of care <input type="checkbox"/> other
3) Please briefly explain "other":	Pain management labs Oncology labs Family practice lab Rheumatology lab	Pain management labs Oncology labs Family practice lab Rheumatology lab	N/A
4) Intended volume use:	<input type="checkbox"/> high volume <input checked="" type="checkbox"/> medium volume <input type="checkbox"/> low volume	<input type="checkbox"/> high volume <input type="checkbox"/> medium volume <input checked="" type="checkbox"/> low volume	<input checked="" type="checkbox"/> high volume <input checked="" type="checkbox"/> medium volume <input type="checkbox"/> low volume
5) What is the throughput under ideal conditions?	CLC480 is capable of performing up to 400 tests/hour	BS200 distributed by CLC is capable of performing up to 225 tests/hour	38 samples/hour
6) Are there any automation options?	N/A	N/A	Yes. Automatic onboard QC; auto-monitoring of QC and reagent pack; automated maintenance
7) How long does it take to train a tech on the instrument?	3 days	3 days	All Nova analyzers receive a Primary Operator Training (POT). The POT typically last 4 to 5 hours. These sessions cover all aspects of operation, including operation, maintenance, troubleshooting, and setup. For ongoing training, each Stat Profile pH0x Ultra analyzer has onboard help to instruct users in operation and maintenance.
8) What is the product's price range?	For pricing information please contact Carolina Liquid Chemistries	For pricing information please contact Carolina Liquid Chemistries	Varies. See account representative
9) For controls, which analyzers can this product be used with?	N/A	N/A	N/A
10) Briefly describe what sets this product apart from others in the market	Smallest benchtop footprint with the largest test menu. Produces same-day results in ng/mL. Reusable reaction cuvettes.	It is an economical, ideal choice for low-volume labs.	Nova Stat Profile pH0x Ultra blood gas/critical care analyzers offer the broadest test menu of any blood gas/critical care analyzers, at low cost. With up to 20 tests on board, fast, economical critical care results, and the industry's best overall user satisfaction, Nova's products are the best value in critical care testing.

<p>Randox Laboratories-US Ltd</p> <p>Kearneysville, WV (304) 728-2890; TOLL FREE (866) 4-RANDOX www.randox.com</p>	<p>Randox Laboratories-US Ltd</p> <p>Kearneysville, WV (304) 728-2890; TOLL FREE (866) 4-RANDOX www.randox.com</p>	<p>Randox Laboratories-US Ltd</p> <p>Kearneysville, WV (304) 728-2890; TOLL FREE (866) 4-RANDOX www.randox.com</p>
RX monza	RX daytona	RX imola
A range of different analytes present in serum, plasma, urine, and CSF.	A range of different analytes present in serum, plasma, urine, CSF, and supernatants.	A range of different analytes present in serum, plasma, urine, CSF, and supernatants.
<input type="checkbox"/> hospital or other large lab <input checked="" type="checkbox"/> a physician's office <input checked="" type="checkbox"/> at the points of care <input checked="" type="checkbox"/> other	<input checked="" type="checkbox"/> hospital or other large lab <input checked="" type="checkbox"/> a physician's office <input type="checkbox"/> at the points of care <input checked="" type="checkbox"/> other	<input checked="" type="checkbox"/> hospital or other large lab <input checked="" type="checkbox"/> a physician's office <input type="checkbox"/> at the points of care <input checked="" type="checkbox"/> other
Clinical chemistry labs, educational and research establishments	Clinical chemistry labs, educational and research establishments, and forensic toxicology	Clinical chemistry labs, educational and research establishments, and forensic toxicology
<input type="checkbox"/> high volume <input type="checkbox"/> medium volume <input checked="" type="checkbox"/> low volume	<input type="checkbox"/> high volume <input checked="" type="checkbox"/> medium volume <input checked="" type="checkbox"/> low volume	<input checked="" type="checkbox"/> high volume <input checked="" type="checkbox"/> medium volume <input type="checkbox"/> low volume
The RX monza is a semiautomated system so throughput is dependent upon the operator, methods used, and analytes to be tested.	The RX daytona can perform 180 photometric tests per hour and 270 ISE tests per hour for a combined throughput of 450 tests per hour.	The RX imola can perform 400 photometric tests per hour or 240 ISE tests per hour for a combined throughput of 560 tests per hour.
No	System is fully automated.	System is fully automated.
1 to 2 days (Training period depends on the tech's competence level.)	3 days (Training period depends on the tech's competence level.)	3 days (Training period depends on the tech's competence level.)
Price available on request.	Price available on request.	Price available on request.
N/A	N/A	N/A
The RX monza is a low-maintenance, compact, semiautomated clinical chemistry with impressive functionality and an extensive test menu consisting of routine chemistry and coagulation testing profiles.	The RX daytona is an easy-to-use, compact benchtop chemistry analyzer providing rapid, cost-effective testing. The RX Series test menu is the most extensive on the market, with profiles covering clinical, specific proteins, and research testing.	The RX imola is an easy-to-use, fully automated benchtop chemistry analyzer with random access, providing rapid and comprehensive testing. The RX Series test menu is the most extensive on the market, with profiles covering clinical, specific proteins, and research testing.

Siemens Healthcare Diagnostics Tarrytown, NY (847) 236-7404 www.healthcare.siemens.com	Siemens Healthcare Diagnostics Tarrytown, NY (847) 236-7404 www.healthcare.siemens.com	Siemens Healthcare Diagnostics Tarrytown, NY (847) 236-7404 www.healthcare.siemens.com	Siemens Healthcare Diagnostics Tarrytown, NY (847) 236-7404 www.healthcare.siemens.com
Dimension Vista 1500 Intelligent Lab System	Dimension EXL with LM Integrated Chemistry System	ADVIA 2400 Clinical Chemistry System	ADVIA 1800 Clinical Chemistry System
General Chemistries, Enzymes, metabolites, TDMs/DAUs/Tox, proteins, Immunochemistries on Serum, Urine, whole blood and CSF samples	General Chemistries, Enzymes, metabolites, TDMs/DAUs/Tox, proteins, Immunochemistries on Serum, Urine, whole blood and CSF samples	chemistry, special chemistry, TDMs, DAUs toxicology, special proteins	chemistry, special chemistry, TDMs, DAUs toxicology, special proteins
<input checked="" type="checkbox"/> hospital or other large lab <input type="checkbox"/> a physician's office <input type="checkbox"/> at the points of care <input type="checkbox"/> other	<input checked="" type="checkbox"/> hospital or other large lab <input checked="" type="checkbox"/> a physician's office <input type="checkbox"/> at the points of care <input type="checkbox"/> other	<input checked="" type="checkbox"/> hospital or other large lab <input type="checkbox"/> a physician's office <input type="checkbox"/> at the points of care <input type="checkbox"/> other	<input checked="" type="checkbox"/> hospital or other large lab <input type="checkbox"/> a physician's office <input type="checkbox"/> at the points of care <input type="checkbox"/> other
N/A	N/A	N/A	N/A
<input checked="" type="checkbox"/> high volume <input checked="" type="checkbox"/> medium volume <input type="checkbox"/> low volume	<input type="checkbox"/> high volume <input checked="" type="checkbox"/> medium volume <input type="checkbox"/> low volume	<input checked="" type="checkbox"/> high volume <input checked="" type="checkbox"/> medium volume <input type="checkbox"/> low volume	<input checked="" type="checkbox"/> high volume <input checked="" type="checkbox"/> medium volume <input type="checkbox"/> low volume
1,500 photometric and 500 ISE tests per hour	624 test per hour	2,400 tests per hour	1,800 tests per hour
Yes – Twinning Package, Aptio Automation, StreamLAB Automation Solutions, and ADVIA Automation Solutions (Labcell, Workcell)	Yes - Versacell System, Aptio Automation, StreamLAB Automation Solutions, ADVIA LabCell	Yes – Aptio Automation, StreamLAB Automation Solutions, and ADVIA Automation Solutions (LabCell, WorkCell)	Yes – Aptio Automation, StreamLAB Automation Solutions, and ADVIA Automation Solutions (LabCell, WorkCell)
5-day operator training is offered, on-site training, and online Personalized Education Plan (PEP) offered	4-day operator training is offered, on-site training, and online Personalized Education Plan (PEP) offered	3 ½-day operator training is offered, on-site training, and online Personalized Education Plan (PEP) offered	3 ½-day operator training is offered, on-site training, and online Personalized Education Plan (PEP) offered
Contact company	Contact company	Contact company	Contact company
Bio-Rad, Thermo Fisher, others	Bio-Rad, Thermo Fisher, others	Bio-Rad, Thermo Fisher, others	Bio-Rad, Thermo Fisher, others
LOCI Immunoassay technology, broad menu with fast STAT TAT, automated calibration and QC.	Clot Check capability. Trusted, proven, built-in technologies with LOCI technology inside for reliable results. Easy-to-use Dimension platform provides the confidence that every trained operator can run any test, any time. Chemistry and immunoassay integration allows simultaneous processing to maximize workflow.	Comprehensive menu; >100 assays, including chemistry, special chemistry, TDMs, DAUs, special proteins; long-life ISEs; 90,000 tests; unlimited open channels; third-party applications available; 3-second cycle time; 2,400 tests per hour; automation-ready; concentrated reagents available for high-volume chemistries, walkaway capability; clot detect; liquid level sense; auto reruns, dilutions, and repeats.	Comprehensive menu; >100 assays, including chemistry, special chemistry, TDMs, DAUs, special proteins; long-life ISEs; 90,000 tests; unlimited open channels; third-party applications available; 3-second cycle time; 1,800 tests per hour; automation-ready; concentrated reagents available for high-volume chemistries, walkaway capability; clot detect; liquid level sense; auto reruns, dilutions, and repeats.