

**DIAMOND**

Smart Lab Solutions



# Clinical Laboratory

Refurbished Instrumentation • Service Parts • Field and Depot Services





# DOWN-TO-FRAME<sup>®</sup> REFURBISHMENT



## Disassembly & Decommission

- System decommissioned from laboratory and decontaminated
- Preliminary inspection of functionality
- System disassembled Down-To-Frame<sup>®</sup>



## Aesthetic Restoration

- All outer covers, chassis and internal surfaces stripped, sand blasted and prepared for painting
- All prepared surfaces primed and painted with 3 part compound, color matched automotive quality paint
- All original logos and signage are replaced in original appearance



## Refurbishment & Reassembly

- All mechanical, pneumatic, electronic assemblies disassembled, cleaned, restored, verified and reassembled, replaced where needed
- Disposable components replaced with new components
- System completely reassembled into its original condition in accordance to protocol and established specifications



Every analyzer undergoes a systemized, rigorous and unique Down-To-Frame® refurbishment process to rebuild each analyzer to its original specification and intended use.



## Diagnostics & Troubleshooting

- Assembly Functions & System errors assessed, troubleshooting and repair conducted
- Full system diagnostic testing conducted
- System successfully calibrated with certified calibrator materials to ensure proper functionality



## Performance Validation

- Rigorous Multi-Level Quality Control testing conducted on established parameters using certified control material
- Specific parameter testing available upon request
- System checked for power stability, software revisions and other upgrades



## Final Packing

- Required peripherals for operation refurbished or provided new as needed
- System properly flushed, drained, protected and prepared for storage
- System professionally crated with heat-treated and non-coniferous wood for international transit



## Parts-On-Demand

Diamond Diagnostics is pleased to introduce its Parts-On-Demand™ Program. As the largest supplier of refurbished clinical laboratory analyzers in the world, Diamond is uniquely positioned to offer over 30,000 new and recycled service parts for over 350 manufacturers and models of instrumentation. Most items can ship from stock within 24 hours of order and will be up to 70% less expensive than from the Original Manufacturer. All recycled items are verified for functionality and carry a 60-day parts replacement warranty.

## Service Parts Include

Bar Code Readers  
Compressors  
Computers  
Cooling Units  
Displays  
Drives  
Fluid Sensors  
Fluidic Modules  
Halogen Lamps

Heaters  
ISE Modules  
Lasers  
Luminometers  
Mixers  
Motors  
PCB Boards  
Photometers  
Power Supplies

Probes  
Pumps  
Rinse Stations  
Sampling Mechanisms  
Shear Valves  
Syringes  
Transducers  
Valves  
Waste Assemblies



## Company Highlights



Established since 1996



ISO 9001:2015 &  
ISO 13485:2016 Certified



Serving 100+ countries



Registered & Inspected  
by FDA since 2001



Over 20,000 instruments  
placed worldwide



Field and Depot Service  
in US, Canada and EU



## Chemistry

Abbott Architect C4000, C8000, C16000  
Alfa Wassermann Ace, Alera  
Beckman Coulter DXC600, 800, 600PRO, 800PRO  
Beckman AU400, AU480, AU640, AU680,  
AU2700, AU5400, AU5800  
Hitachi 7020, 7070, 7080, 7170, 7180  
Horiba ABX Pentra C200, 400, C400  
Ortho Clinical Vitros 250, 350, 5.1FS, 5600  
Polymedco Polychem 180  
Randox Daytona, Imola  
Roche Cobas C111, C311  
Roche 6000, Roche 8000  
Roche Integra 400 Plus  
Roche Hitachi 902,911,912,917  
Siemens Advia 1200, 1650, 1800, 2400, XPT  
Siemens Dimension EXL, RXL, Xpand  
Tokyo Boeki Prestige 24i, Biolis 24i  
Thermo Konelab 20, 30, 60  
Elitech Envoy 500, 500+  
\*Biotechnica 1500, 3000+

## Immunology

Abbott Architect i1000sr, i2000sr  
Beckman Access II  
Beckman DXI 600,800  
Biomerieux Mini Vidas, Mini Vidas Blue  
Ortho Clinical Vitros 3600, ECI Q  
Roche E411 Disk, E411 Rack, E601, E602  
Roche Elecsys 2010 Disk, 2010 Rack  
Siemens Advia Centaur CP, XP, XPT  
Siemens Immulite 1, 1000, 2000, 2000XPI  
Tosoh AIA360, 600II, 900, 180000

## Coagulation

Diagnostica Stago STA-R, Satellite  
Diagnostica Stago Compact, Compact Max  
IL ACL 100, 200, 300, 300+  
IL ACL 1000, 2000, 3000, 3000+  
IL ACL 7000, 8000, 9000, 10000  
IL ACL Elite, Elite PRO  
IL ACL TOP 300, TOP500, TOP700  
Sysmex CA540, CA560, CA620, CA660  
Sysmex CA1500, CA7000, CS2100i

## Flow Cytometry

Beckman Coulter Epics XL MCL4, MCL5

## Hematology

Abbott Cell Dyn 1800, 3200, 3700  
Abbott Ruby, Emerald  
Beckman Coulter ACT Diff, ACT Diff2, ACT5Diff  
Beckman Coulter LH500, LH750, LH755, LH780  
Beckman Coulter DXH800, DXH600  
Horiba ABX Micros 60, Pentra 60, 60C+, 80, 80XL  
\*Nihon Kohden MEK6400, 7222, 8222  
Siemens Advia 60, 60CS, 120, 2120, 2120i  
Sysmex KK21, KK21N, XP300, XT1800i, XT2000i, XT4000i  
Sysmex XS800i, XS1000i, XN1000, XE2100, XE5000

## Blood Gas

OptiMedical OptiCCA-TS  
Roche B221, B123  
Radiometer ABL 5  
Siemens Rapidlab 248, 348, 348ex

## Electrolyte ISE

Diamond Diagnostics SmartLyte Plus®  
Diamond Diagnostics CareLyte Plus®  
Diamond Diagnostics ProLyte®  
\*Diamond Diagnostics UNITY™

## HPLC, LC-MS

Agilent 1100/1200 series  
Ab Sciex API and Utrap  
Waters Alliance and Acquity Series

## Molecular Biology

Abbott M2000RT  
Biomerieux Nuclisens EasyMag  
Roche Amplicor

## Urinalysis

Beckman IRIS IQ200  
Siemens Clinitek Atlas  
Sysmex UF1000i  
Roche U411, Urisys 2400

\* Not available for sale in the USA





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