diatron

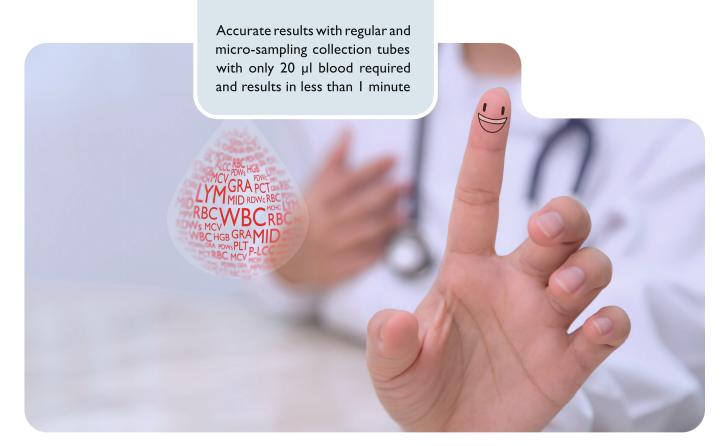


BRINGING CBC TESTING CLOSE TO YOU

Diatron has utilized its many years of expertise in developing and manufacturing hematology analyzers to produce the Diatron Aquila: an innovative and revolutionary instrument that is suitable for many testing scenarios such as satellite laboratories and routine laboratories.

Diatron owns all rights to a patent for the unique sampling procedure of the Diatron Aquila analyzer, which have been granted and registered with the European Patent Office.

FAST AND RELIABLE



Aquila-



USER FRIENDLY

Large touch screen with specially designed user interface for non-experienced operators — User-friendly and good LIS connections

PORTABLE

Lightweight and with optional battery pack a fully portable, small foot print analyzer, applicable for use in all locations

COST EFFECTIVE

Easy, safe and biohazard-free on-board integrated reagent pack and waste, up to 200 measurements* per pack with up to 60 days stability on the analyzer allows complete cost control



SPECIFICATIONS

MEASUREMENT

- Throughput: 60 tests/hour
- Parameters: 22 hematology parameters,
 3 separate histograms: WBC, LYM, MID,
 GRA, LYM%, MID%, GRA%, RBC, HCT,
 MCV, RDWc, RDWs, HGB, MCH, MCHC,
 PLT, PCT, MPV, PDWc, PDWs, P-LCC,
 P-LCR%
- · Technology: Impedance
- Sample collection: Venous or capillary
- Supported sample tubes: EDTA collection tubes and micro-sampling tubes
- Sample volume: ~20 µl of whole blood
- Unique, patented sampling procedure
- Sampling method: Open and closed tube system with automatic sampling port
- · Sample profiles: User selectable

REAGENTS

- Diatro•3P Reagent Smart Pack
- Hardware key protected pack
- Up to 800 (4 x 200) measurements*/pack dependent on usage

USER INTERFACE

- Display: Capacitive 10.1", TFT Touch Screen, 1280 x 800 resolution
- Data storage capacity: Up to 10,000 results including histograms
- Printer options: Any Windows 8.1 supported external USB printer
- User interface: Intuitive, logical, easy to use GUI
- User assignment options: Various user management levels and other cybersecurity conformity
- LIS communication: HL7 protocol
- Log file: Displays history of analyzer actions/errors
- User languages: English, German, Italian, Indonesian, Greek

QUALITY CONTROL

- QC functions: The trend function allows to display the selected records from the database on Levey-Jennings charts
- Extended QC mode: Secondary QC limits for all parameters
- USB Barcode reader: Sample ID, Control blood data upload

PHYSICAL PARAMETERS

- Size (Width x Depth x Height):
 32 cm x 27 cm x 37 cm incl. reagent pack
 13" x 11" x 14"
- Weight: ~15kg/33 lbs incl. reagent bottle
- Power supply: 24 V DC and 3.75 A
- Optional battery allows to measure up to 100 samples continuously

COMMUNICATION INTERFACES

- I x LAN
- 4 x rear USB ports and 2 x side USB ports
- WiFi/4G dongle support

Analyzers and reagents

Cat. No	Description
AI-I	Diatron Aquila Hematology analyzer
AI-2	Diatron Aquila with battery
DRP074	Diatro•3P Reagent Smart Pack 4 x 200 measurements*/bottle



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^{*} Maximum number of achievable measurements. Can vary based on different factors.