

Aquila

3-PART WBC DIFFERENTIAL
HEMATOLOGY ANALYZER



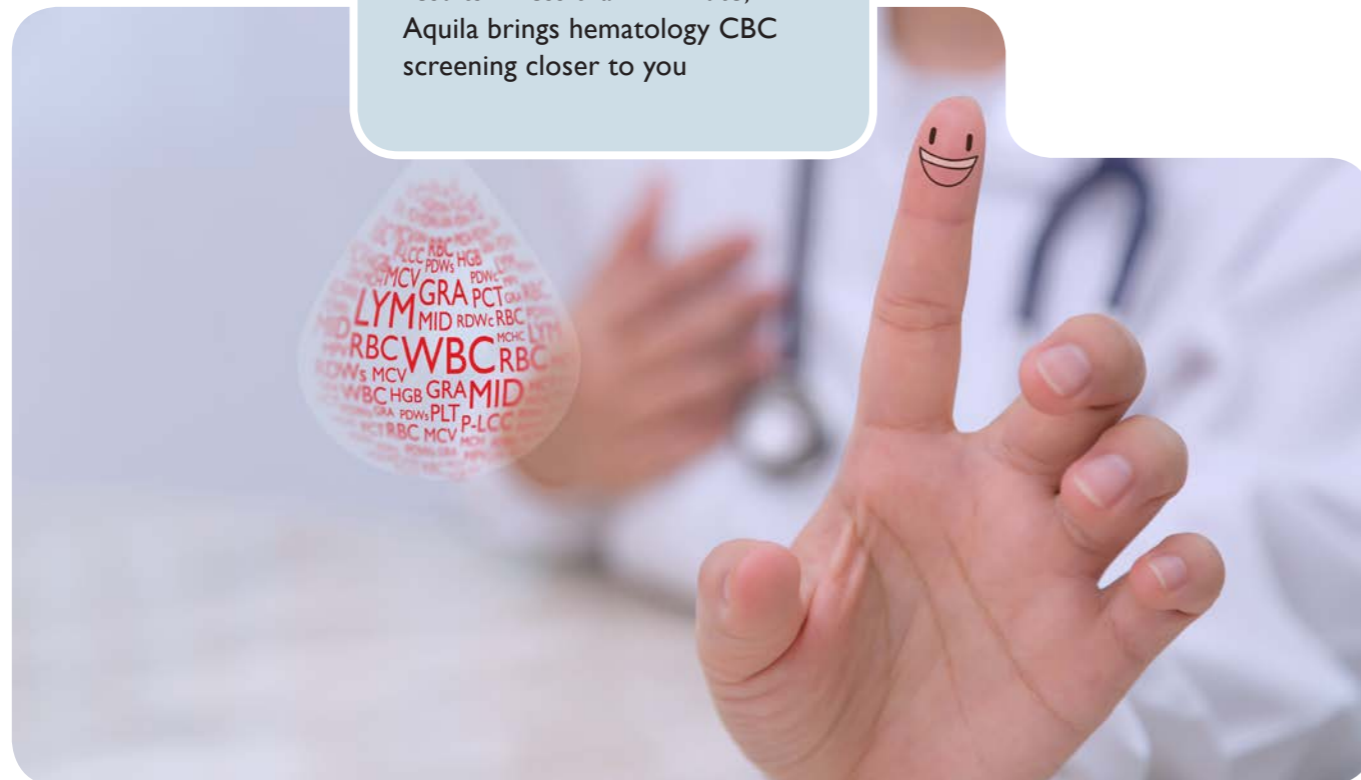
BRINGING CBC TESTING CLOSE TO YOU

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, point of care (e.g. physician offices and clinics) and routine laboratories.

FAST AND RELIABLE

With only 20 µl blood required and results in less than 1 minute, Aquila brings hematology CBC screening closer to you



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 190 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
- Aperture diameter: 70/80 µm
- Sample volume: ~20 µl of whole blood
- 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

QUALITY CONTROL

- QC functions: The trend function allows to display the selected records from the database on Levey-Jennings charts
- 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 inc reagent bottle
- Power supply: 24V DC and 3.75 A
- Optional battery

COMMUNICATION INTERFACES

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

Analyzer and reagents

Description	Catalogue No	SAP No
Diatron Aquila Hematology analyzer	A1-I	10021360
Diatro•3P Reagent Smart Pack 4 x 200 measurements/bottle	DRP074	10023365

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We are a member of the STRATEC Group
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This product is not currently cleared for sale in the USA and only available in non-US markets.
Diatron reserves the right to change any of the specifications without prior notice. Version Nr. DA180605V6

