diatron ●●

Aquila

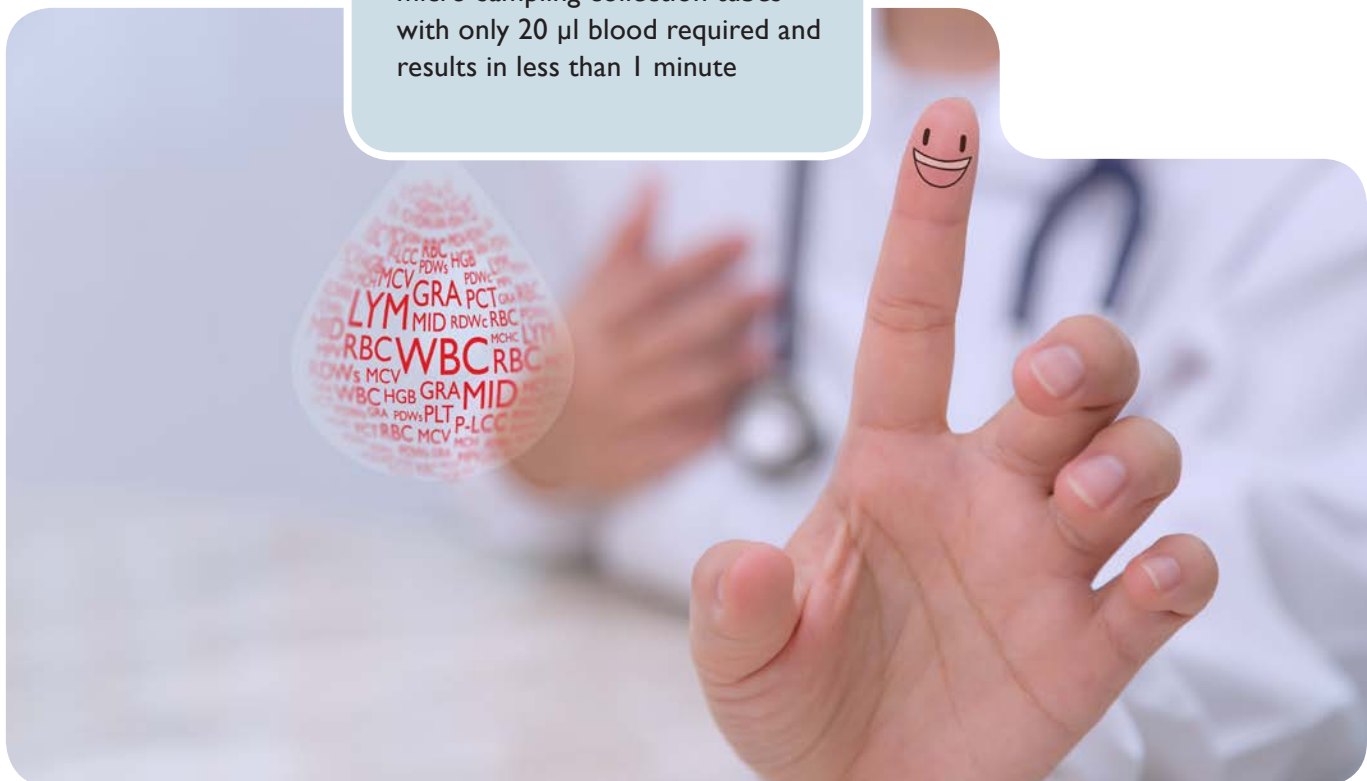## 3-PART WBC DIFFERENTIAL HEMATOLOGY ANALYZER

BRINGING CBC TESTING CLOSE TO YOU

Diatron has utilized its many years of expertise in developoing 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

Accurate results with regular and micro-sampling collection tubes with only 20 µl blood required and results in less than 1 minute

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
- 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

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 inc reagent bottle
- Power supply: 24 V DC and 3.75 A
- Optional battery allows to measure up to 100 samples continuously

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	A1-1	10021360
Diatron Aquila with battery	A1-2	10037243
Diatro•3P Reagent Smart Pack 4 x 200 measurements/bottle	DRP074	10023365

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This product is not currently cleared for sale in the USA and only available in non-US markets.

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