



Easy operations

Simple reagent logistics

High-throughput automation



Quintus™ 5-part hematology analyzer

Outstanding user-interface, only three reagents needed, and a 100-sample autoloader option.



Premium system solution boosted by total quality control

Quintus 5-part hematology system brings together a high-quality instrument with integrated workstation, easy-to handle reagents and a user-friendly interface. The analyzer delivers accurate and reliable complete blood count (CBC) results, with the choice of work-saving walk-away automation.

Easy operations

Quintus hematology analyzer features a whole host of practical functions. Quick-links give access to all main functions and the 10.4-inch display allows clear presentation of results, histograms and scattergrams. For closer inspection, just touch the screen to zoom in. An integrated workstation with network and LIS connections further smoothens analysis and reporting and avoids the need for extra hardware. The storage capacity extends up to 100 000 easily accessible sample files.

Simple reagent logistics

Quintus hematology analyzer operates with just three specially designed reagents, which further simplifies handling and logistics. Simply scan the barcode on the reagent container and the analyzer stores key information such as lot number, open date and expiry date. To further simplify operation, each reagent is color-coded, and current reagent status is always viewable by touching the lower section of the display.

Like the reagents, Boule control materials use barcode scanning for secure handling and assay sheet registration, which minimizes the risk of error when manually entering control reference values. Advanced quality control functions built into the Quintus software include Levey-Jennings charts, XB-function and QC reports.

High-throughput automation

Quintus autoloader is the option for laboratories with high workloads. Compact and simple to install, the autoloader can be pre-loaded with up to 100 samples. Its on-board mixing, internal barcode reader and cap recognition then take over the rest of the process. Most standard closed EDTA tubes will fit, the cap recognition sensor detects the cap. Emergency samples can easily be analyzed in the middle of an automated run.



Plenty of room to display all 26-parameter results plus scattergrams and histograms, warnings, messages and flaggings.



Barcode scanning of QC material assay sheets is easy to use and 100% secure.

Five good reasons for choosing Quintus



1. Outstanding user-interface

Large zoomable touch-screen displays all 26 parameters, histograms and scattergrams

2. Precise sample collection

High-quality shear-valve ensures accurate blood volume collection for highest precision on results.

3. QC material with long stability

QC material with long in-use time. Easy-to-enter, easy-to-use.

4. Flexible sampling

Quintus samples from a single-tube inlet for open or closed tubes and can also handle micro-tubes.

5. Autoloader option

The Quintus autoloader has room for 100 samples and comes with an integrated barcode reader.

Specifications

Parameters

26 parameters:
WBC, LYM, NEU, MONO, EOS, BASO, LYM%, NEU%, MONO%, EOS%, BASO%, RBC, MCV, HGB, HCT, RDW%, RDW, PLT, MPV, MCH, MCHC, PCT, PDW%, PDW, P-LCR, P-LCC

Measurement technologies

WBC 5-part differential: laser-based optical method
RBC, PLT, total WBC: impedance
HGB: spectrophotometry

Throughput

60 samples/hour

Sample volume

100 µL

Sampling system

Shear valve

Reagents

3 barcode-entered reagents and a cleaner:

- Quintus 5-part Diluent, 20 L
- Quintus 5-part Lyse, 5 L
- Quintus 5-part Stopper, 1 L
- Boule Hypochlorite 4% Cleaner, 100 mL

Display

10.4 inch color graphics LCD, touch screen

Data storage capacity

100 000 samples

Interface ports

4 USB, Ethernet, PS/2 and RS232

Printout

Postscript-compatible printers supporting PCL 3/5e

Precision

CV WBC: ≤ 1.7%
CV RBC: ≤ 0.9%
CV MCV: ≤ 0.4%
CV HGB: ≤ 0.65
CV PLT: ≤ 3.0%

Dimension

410 (W) × 470 (D) × 520 (H) mm

Weight

≤ 35 kg (with autoloader 47 kg)

Boule Diagnostics AB is a company that develops and manufactures systems and consumables for hematology diagnostics for public healthcare providers worldwide. The company is primarily focused on small and medium-sized hospitals, clinics, and laboratories in outpatient care as well as other diagnostics companies in both human and veterinary hematology. The group comprises operating subsidiaries in Sweden, the US and Russia. Since 2011, Boule Diagnostics shares are traded on NASDAQ OMX Nordic.

Quintus 5-part hematology analyzer is a part of our Total Quality Concept that comprises instruments, reagents, quality control materials and service, an unbroken chain of know-how in quality hematology measurements.

Quintus, premium system solution boosted by total quality control

For more information about Quintus 5-part hematology analyzer,
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