

Hemolyzer[®] 3 Pro



A step further in
3-part differential
hematology



agile - affordable - accurate

The Hemolyzer[®] 3 Pro

takes the 3-part WBC differential a step further. The compact high quality solution provides results within 45 seconds. Built on reliable and accurate impedance and photometric technology, the system is designed to be operated with minimal maintenance and being easy-to-use. The sophisticated multilingual operator software is featured on a full color LCD touchscreen, which guides the user through the intuitive menu.

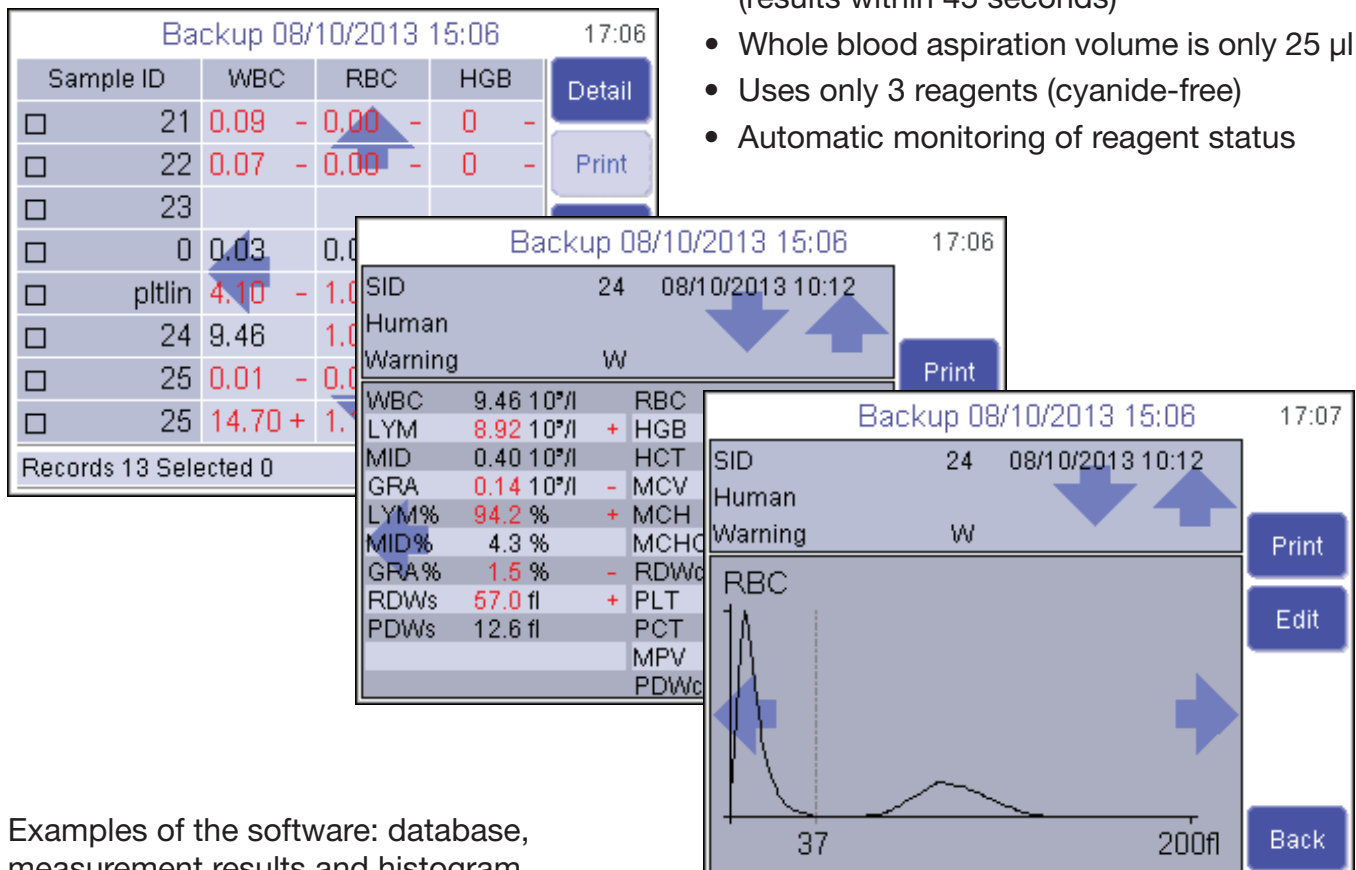
The Hemolyzer[®] 3 Pro provides a 22-parameter cell blood count including a 3-part WBC differential at a throughput of 80 samples per hour. The Hemolyzer[®] 3 Pro is the perfect fit to the needs in laboratories, clinics and doctor's offices.

Reliable and accurate

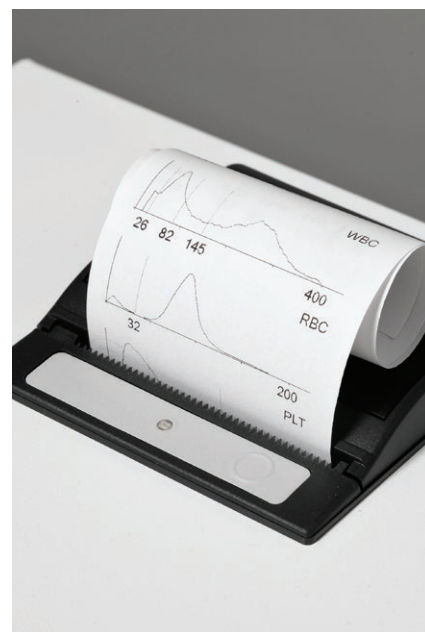
- The high resolution color LCD touchscreen allows easy monitoring of the results with 3 large and clearly interpretable histograms
- Up to 10,000 results, including histograms, are stored in the database
- Full quality control management system including Levey-Jennings diagrams
- Minimal maintenance due to a reliable system that enables a self-diagnostic function
- Automatic clogging prevention of the apertures by applying high voltage pulses after each measuring cycle
- Automatic cleaning minimizing hands-on for daily maintenance

Efficient and affordable

- Intelligent and solid design provides maximum value at low running costs
- High throughput of 80 samples per hour (results within 45 seconds)
- Whole blood aspiration volume is only 25 µl
- Uses only 3 reagents (cyanide-free)
- Automatic monitoring of reagent status



Examples of the software: database, measurement results and histogram



Easy-to-use and agile

- Minimal footprint saves precious laboratory and bench space
- Warning messages and sample flags ensuring performance safety
- The sample is aspirated inside the analyzer, which guarantees maximal hygiene by practically excluding the risk of injuries and infectious diseases for the user
- Easy-to-use user interface on a large color, high contrast LCD touchscreen
- Optional external bar code reader minimizes data entry error and enables rapid data processing
- Also the QC values are available to be entered by barcode reader
- Built-in thermal printer
- The instrument can be interfaced with a host computer via USB B



Specifications

Type	3-part hematology analyzer
Measurement technology	Impedance method and LED based photometry
Parameters	22 parameters: WBC, LYM#, MID#, GRA#, LYM%, MID%, GRA%, RBC, MCV, HCT, HGB, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PCT, PDW-CV, PDW-SD and research parameters: P-LCC + P-LCR
Throughput	80 tests/hour
Data storage	10,000 results including histograms
Display	5,7" LCD touchscreen
Interfaces	USB Type A, USB Type B
Dimensions	320 × 300 × 350 mm (WxDxH)
Weight	15 kg
Power supply	12 V DC / 5 A
Operating environment	Temperature: +15°C to +30°C Relative humidity (non-condensing): 20% to 80%
Printer	Built-in thermal printer
Barcode reader	External
Features	<ul style="list-style-type: none"> - 2 chambers, aperture diameter: 70 µm (RBC/PLT) and 100 µm (WBC) - Sample volume: 25 µl of whole blood; 50 µl in pre-diluted mode - Sampling method: Open tube - Preinstalled sample profiles: Human, male, female, child, toddler, baby - QC Management: 6 QC lots, Levey-Jennings charts - User Management: Multi-user mode - Languages: English, German, Spanish, French, Polish, Portuguese, Russian, Italian, Czech, Greek, Korean, Chinese, Vietnamese

Hemolyzer® 3 Pro, Art.-No.: HE3000Pro

Consumables

All reagents are cyanide-free and have extended shelf life.

Reagents	Name	Art.-No.	Pack Size
Isotonic Diluent	Hemolyzer-Diluent	HE3201	20 L
Hemolyzing Agent	Hemolyzer-3-Lyser	HE3101*	1 L
Cleaner	Hemolyzer-3-Cleaner	HE3301 / HE3302	1 L / 5 L

*contains reagent lock key

Contr./Calibr./Cleaner	Name	Art.-No.	Pack Size
Control	Hemolyzer-3-Control Set (3 Level)	HE3502	2 x 3 x 3 ml
Control / Calibrator	Hemolyzer-3-Control Normal (Level N)	HE3503	6 x 3 ml
Cleaner (external)	Hemolyzer-Hypocleaner cleaning solution	HE3401	100 ml

Distributor information



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