



... when
the speed matters

Alere™ *h* 380
3-part Differential Hematology Analyser



Fast | Accurate | Efficient

Alere Medical Pvt. Ltd.

Alere™ h 380

3-part Differential Hematology Analyser

Increased productivity with a throughput of 80 samples per hour.

Accurate and Reliable results by proven Impedance Principle.

Compact & ergonomically designed, ideal for small to medium workload laboratory.

Environment friendly, Noncyanide reagents with longer shelf life.

Comprehensive quality control function (L-J Chart) available, on board.



Reliable Analysis

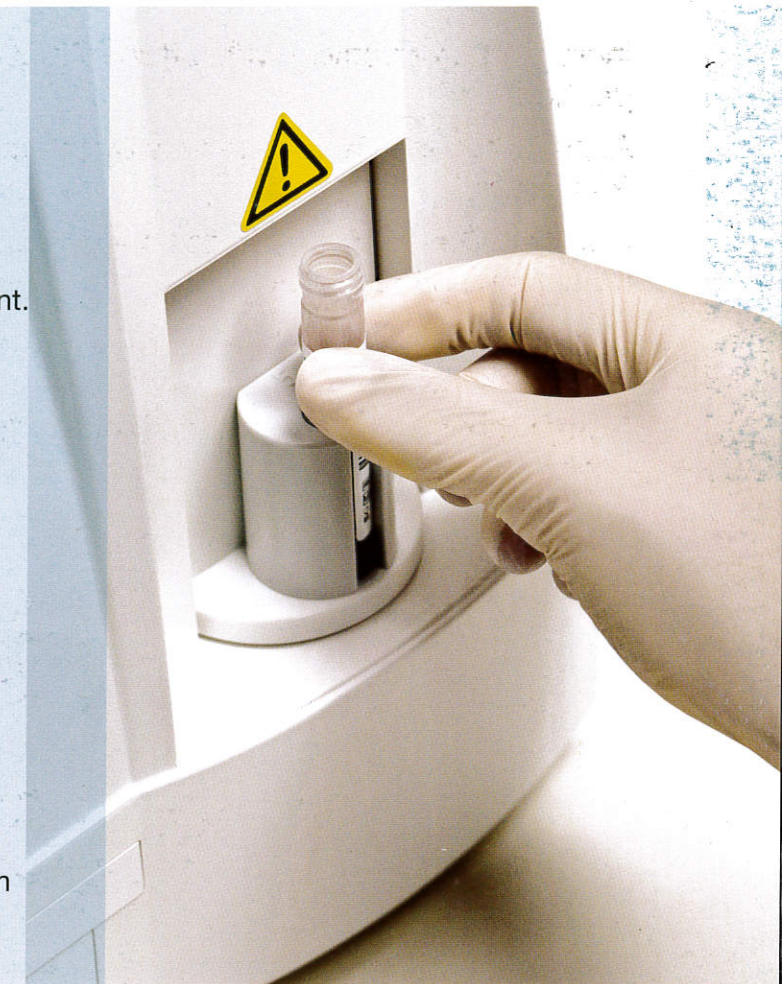
Simplicity in Operation

Ease of Use

- Simple to operate with user friendly icons & Colored touch screen.
- Easy reagent monitoring through online reagent level sensing.
- Complete Ergonomic design with a small foot print.
- In built thermal printer with the option of printing via external printer.
- Supplied with unique software to manage and store data externally on a computer.

High Performance

- Extremely fast & reliable results in 45 seconds.
- Proven Impedance technology ensures accurate and precise results.
- Environment friendly cyanide free reagents and long shelf life.
- Provides 20 parameters with 3 histograms.
- Uses advanced co-incidence correction algorithm for precise counting.



Extremely Fast

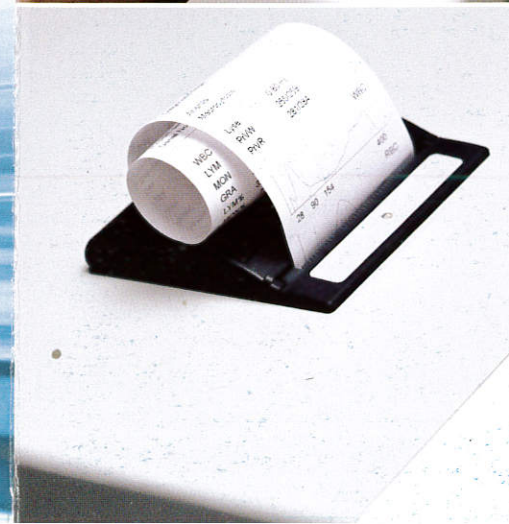
High Performance

Environment Friendly

Maintenance Free

Reliable & Efficient

- Unique rotating primary tube holder avoids sampling errors and potential Biohazard.
- Comprehensive QC package provides LJ for upto 6 QC Levels.
- Unique reagent hardware key lock system ensures usage of genuine reagents.
- High Voltage burst & hi-pressure back flush insures minimum downtime.
- Multiple USB ports provide flexibility to use external peripheral devices.



Specifications



Principle

- Reliable Impedance method for cell counting
- Photometric Cyanide-free Hemoglobin estimation

Parameters

- WBC, LYM, MID, GRA
- LYM%, MID%, GRA%
- RBC, HGB, HCT & RDW_{CV/SD}
- MCV, MCH, MCHC
- PLT, PCT, MPV, P-LCR, P-LCC, PDW_{SD/CV}

Linearity

- WBC: 0-75 X10³µl
- RBC: 0-8 X 10⁶µl
- HGB: 0-25 g/dl
- PLT: 0-1000 10³µl

Through put

- 80 sample per. hr.

Sample Volume

- Whole Blood Mode - 25 µl
- Pre diluted mode - 50 µl

Aperture Diameter

- 70 µm (RBC/PLT)
- 100 µm (WBC)

Reagents

- Alere_{TM} Lyse-Diff
- Alere_{TM} Clean
- Alere_{TM} Dil

Quality Control

- 3 Level QC available with capabilities with of online LJ
- Open vial Stability of 14 days

Display

- 320X240 dots, high contrast, backlit color, LCD

Data Storage

- 10,000 Patient Reports with Histograms
- Data backup through USB mass storage device
- Host computer interface USB & Port

Printout

- Built in thermal printer module, provides full report with Histograms
- Optional printer interface available through USB

Weight

- 12 Kgs

Dimensions

- 32 cm x 26 cm x 36.5 cm

Power supply unit

- Auto-ranging power unit 200-240 VIts. 50-60Hz

Power requirement

- 12VDC, 5A, 60W max. Operating power



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