



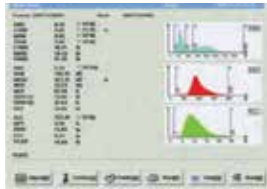
BeneSphaera™ Brand 3-PART DIFFERENTIAL Hematology Analyzer H32



Features and Benefits

- **3-Part differentiation of WBC** — 20 parameters + 3 histograms
- **2 Counting modes** — whole blood and prediluted
- **Throughput** — 60 samples per hour
- **Touch screen** — with 10.4" TFT color LCD
- **Presentation of results** — built-in thermal recorder, optional external printer
- **Sample results** — storage up to 50,000 sample results (including histograms)
- **Multi-language software** — available on request
- **Dedicated J.T.Baker® branded reagents** — providing reliable and consistent results
- **Regulatory compliance with certifications** — ISO and CE Certified
- **Quality Control** — to confirm the precision and accuracy of instrument operation
- **Worldwide presence** — global manufacturing capability and sales network

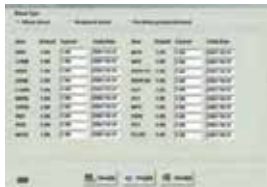




Sample Test



Auto Calibration Setting



Manual Calibration



L-J QC Setting



Profile

Technical Specifications

Product	3-Part Differential Hematology Analyzer H32
Counting Channel	2
Throughput	60 tests/hour
Parameters	20
Operating	Touch Screen, Mouse, Keyboard
Sample volume	Whole Blood 9.8μL, Anti-coagulated Peripheral 9.8μL, Pre-diluted 20μL
Reagents	Diluent (15.5ml/test), Lyse (0.6mL/test), Cleanser (1.2ml/test)
Carry over	WBC, RBC, HGB < 0.5%, PLT < 1%
QC Mode	XB & L-J; X-R; Westguard Rules
Storage	50,000
Interface	RS232C, USB*2, Keyboard, Mouse Interface (PS2), LAN
Linearity range	WBC (10 ⁹ /L) 0 – 99.9 RBC (10 ¹² /L) 0 – 9.99 HGB (g/L) 0 – 300 MCV (fL) 40 – 150 PLT (10 ⁹ /L) 0 – 999
Precision (CV%)	WBC (10 ⁹ /L) ≤ 2.0% (7.0 – 15*10 ⁹ /L) RBC (10 ¹² /L) ≤ 1.5% (3.5 – 6*10 ¹² /L) HGB (g/L) ≤ 1.5% (110 – 180 g/L) MCV (fL) ≤ 0.4% (80 – 110 fL) PLT (10 ⁹ /L) ≤ 4.0% (100 – 500*10 ⁹ /L)
Power requirement	AC110V ~ 220V±10%, 50-60Hz, External AC Adaptor
Dimensions	436x363x367 mm
Weight	18 kg



Phillipsburg, NJ 9001:2008 & 14001:2004
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Deventer, the Netherlands 9001:2008, 14001:2004 & 13485:2003

Gliwice, Poland 9001:2008 & 17025:2005
Selangor, Malaysia 9001:2008
Dehradun, India 9001:2008, 14001:2004 & 13485:2003
Panoli, India 9001:2008



About Avantor™ Performance Materials

Avantor Performance Materials manufactures and markets high-performance chemistries and materials around the world under several respected brand names, including the J.T.Baker®, Macron Fine Chemicals™, Rankem™, BeneSphera™ and POCH™ brands.

Avantor products are used in a wide range of industries. Our biomedical and life science solutions are used in pharmaceutical production, laboratory research for academic, industry and quality control, and in medical lab testing. Our electronics materials products are used in the manufacturing of semiconductors.

For additional information please visit www.avantormaterials.com or follow [www.twitter.com/avantor_news](https://twitter.com/avantor_news)

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