

ABXMICROSIM2

For a rapid diagnostic



18 fully automated parameters

CBC/3 Part DIFF
Closed Tube
Comprehensive Middleware system
Choice of (4) industry-coded "scrub" colors

Innovative features:

- Impedance technology, photometry
- Microsampling: Only 10 μ L
- Extensive data management capability
- No compressor (stepper motor technology)

Technical

- **Weight :**
 - Analyzer 31 lbs
 - Computer 43 lbs
- **Power supply :** 90/240 V - 50/60 Hz - 230 VA.
- **Dimensions :**
 - Analyzer 16.5 in x 14 x 12.5 in
 - Computer 2.75 in x 18.25 in x 8.5 in
- **Printer :** digital laser.
- **Throughput :** 55 samples/hour (closed tube)
- **Data Management :** Comprehensive patient data management contained within a "Zero" footprint configuration
 - Comprehensive sample tracking and routing
 - Quality Control features
 - Delta Checking
 - Flexible Patient Reporting
 - > 500,000 Patient sample storage
 - EMR / LIS ready
- **Memory :** unlimited patient data storage
- **Keyboard :** Barcode reader (optional).

Samples

60 samples/hour (open tube) :

- **Parameters (16 + 2) :**
 - CBC Mode (16 parameters):
WBC, RBC, HGB, HCT, MCV, *RDW, MCH, MCHC, PLT, MPV, PCT, *PDW,
% and # of LYM, MON and GRA
 - * *RUO (Research Use Only)*
- **Graphics :** LMG histogram, RBC, PLT histograms
- **Sample-Volume :** CBC or CBC + DIFF mode : 10 µL
- **Stability :** 24 hours (CBC)
- **Operating sample mode :**
 - Closed tube mode with 4 position tube holder (QC, 125 or 500 µL, 3 or 5 mL)
 - Automatic calibration
- **Identification :** Patient I.D., Sequence#
- **Flags :** Pathological flags (WBC, RBC, and PLT) normal limits and counting failure flags

Results

Parameters	Precision (cv %)	Linearity
WBC	<2,5%	0-100 x 10 ³ / mm ³
RBC	<2%	0-8 x 10 ⁶ / mm ³
HGB	<1.7%	0 – 24 x g/dL
HCT	<2%	0-70%
PLT (whole blood)	<5%	0-2200 x 10 ³ / mm ³
PLT (PLT concentrate)	<5%	0-4000 x 10 ³ / mm ³

Concept And Technology

- **Measurement methods:** Impedance technology, photometry.
- **Liquid valves (without pinching):** Reliability and increased precision
- **No compressor (stepper motor):** Reliability, less maintenance and noise

Reagents

Ref.	Designation	Packaging
0403010	ABX MINICLEAN 1L	1 x bottle (1 liter)
0702010	ABX MINILYSE LMG 1L	1 x bottle (1 liter)
0906012	ABX LYSEBIO 1L	1 x bottle (1 liter)
0802010	ABX MINIDIL LMG 10L	1 x cubitainer (10 liters)

Controls and calibrators

Ref.	Designation	Packaging
1047466K	Minotrol Tri-Level Kit	18 x 2 mL
2043748	Minotrol Tri-Level 3 x 2	3 x 2 mL
2043752	Minotrol Tri-Level 6 x 2	6 x 2 mL
2043756	Minotrol Tri-Level 12 x 2	12 x 2 mL
2043757	Minotrol Tri-Level 18 x 2	18 x 2 mL
2043745	MINOCAL 1 x 2	1 x 2 ml
2042017	Minotrol Smart Card	card

2052000	Memory Smart Card	card
D01A00132	" CD, Minotrol 16 QC-Assay	disk



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