

ABX Pentra 60 C+ Chemistry Analyzer



OVERVIEW

- Data management on stand-alone PC.
- Micro-sampling from whole blood (CBC: 30 μL - DIFF: 53 μL).
- Cytochemistry, Impedance (real cell volume measurement) & Optical (analysis of the internal cellular structure by measuring light absorbance) - DHSS* Technology.
- Perfect homogenization of blood samples with reagents - MDSS** Technology.

FEATURES

- Throughput: Up to 60 samples/hour.
- Reagents: Only 4 onboard reagents and 1 diluent.
- Perfect differentiation of the 5 WBC sub-populations with DHSS* Technology.
- 3 histograms for RBC, BAS/WBC and PLT together with the 5 DIFF Matrix.
- Basophils counted through specific channel.
- High resolution matrix.

RESULTS

Parameters	Precision (%CV)	Linearity
WBC	< 2.0	0-120 x 10 ³ / μL
RBC	< 2.0	0-8 x 10 ⁶ / μL
HGB	< 1.0	0-24 g/dl
HCT	< 2.0	0-67%
PLT (whole blood)	< 5.0	0-1900 x 10 ³ / μL
PLT (PLT concentrate)	< 5.0	0-2800 x 10 ³ / μL

Contact Us for More Information:

- info@techneal.com
- 909-465-6325
- www.techneal.com



ABX Pentra 60 C+ Specifications

TECHNICAL

Weight	77 lbs / 35 kg
Power supply	100 to 240 V ($\pm 10\%$) - 50 to 60 Hz
Dimensions	20.3 x 17.5 x 19 in / 51,5 cm x 44,5 cm x 48 cm
Printer	Laser printer
Throughput	60 tests/hour
Data management	Color screen: 15 in. monitor (800 x 600px) Windows XP Prof.™ User-defined flagging limits Transmit patient & QC to LIS Uni-directional or bi-directional connection Communication Protocols: ABX / ASTM CD-ROM drive / Floppy disk 2 serial ports minimum USB Keyboard / USB Mouse
Memory	10,000 results + Graphics
Quality Control Management	12 selectable QC files XB: 60 Operator selectable batches with statistics (20 samples per batch) Within run Levey-Jennings Graphs
Logs	Reagents, calibration, maintenance, errors, blank cycle

SAMPLES

60 samples/hour (closed tube)	
Parameters (26)	WBC, NEU# & NEU%, LYM# & LYM%, MON# & MON%, EOS# & EOS%, BAS# & BAS%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW, PLT, MPV
Graphs	High-definition LMNE matrix PLT, RBC, WBC/BAS curves
Blood Volume	CBC mode: 30 μ L CBC + DIFF mode: 53 μ L
Stability	48 hours post-draw stability
Operating sample mode	Closed tube
Identification	Alphanumeric. Bar-code reader (optional)

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