

# ABX Micros 60 Chemistry Analyzer



## OVERVIEW

- Impedance technology, photometry
- Microsampling: Only 10 µL
- Smart card based memory storage (optional)
- No compressor (stepper motor technology)

## FEATURES

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

## RESULTS

| Parameters            | Precision (%CV) | Linearity                                 |
|-----------------------|-----------------|-------------------------------------------|
| WBC                   | < 2,5%          | 0-100 x 10 <sup>3</sup> /mm <sup>3</sup>  |
| RBC                   | < 2%            | 0-8 x 10 <sup>6</sup> /mm <sup>3</sup>    |
| HGB                   | < 1.5%          | 0-26 g/dl                                 |
| HCT                   | < 2%            | 0-80%                                     |
| PLT (whole blood)     | < 5%            | 0-2200 x 10 <sup>3</sup> /mm <sup>3</sup> |
| PLT (PLT concentrate) | < 5%            | 0-4000 x 10 <sup>3</sup> /mm <sup>3</sup> |

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### Contact Us for More Information:

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- 909-465-6325
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# ABX Micros 60 Specifications

## TECHNICAL

|                        |                                                                                                              |
|------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Weight</b>          | 31 lbs                                                                                                       |
| <b>Power supply</b>    | 90/240 V - 50/60 Hz - 230 VA.                                                                                |
| <b>Dimensions</b>      | 16.5 in x 14 x 12.5 in (HxWxD).                                                                              |
| <b>Printer</b>         | Laser Printer                                                                                                |
| <b>Throughout</b>      | 60 samples/hour (on open tube)<br>55 samples/hour (closed tube)                                              |
| <b>Data management</b> | Automated smart cards used for QC and patient data storage.<br>RS 232 output.<br>Uni-directional connection. |
| <b>Memory</b>          | Last result (with curves) or 78 results (smart card based memory)                                            |
| <b>Screen</b>          | 2 lines of 40 alphanumeric characters.                                                                       |
| <b>Keyboard</b>        | Barcode reader (optional).                                                                                   |

## SAMPLES

### 60 samples/hour (open tube)

|                       |                                                                                                          |
|-----------------------|----------------------------------------------------------------------------------------------------------|
| <b>Parameters</b>     | CBC Mode (16 parameters): WBC, RBC, HGB, HCT, MCV, RDW, MCH, MCHC, PLT, MPV, % and # of LYM, MON and GRA |
| <b>Graphics</b>       | LMG histogram, RBC, PLT histograms                                                                       |
| <b>Sample-Volume</b>  | CBC mode: 10 µL                                                                                          |
| <b>Stability</b>      | 24 hours (CBC)                                                                                           |
| <b>Operating mode</b> | Open tube mode with 4 position tube holder (Cal, 125 or 500 µL, 3 or 5 mL)                               |
| <b>Identification</b> | Patient I.D., Sequence#                                                                                  |
| <b>Flags</b>          | Pathological flags (WBC, RBC, and PLT) normal limits and counting failure flags                          |

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