



*Automated  
Hematology Analyzer*



# Specifications of Abacus junior B

<b>Throughput:</b>	25 tests/hour
<b>Sample volume:</b>	25µl, Predil mode: 50µl
<b>Aperture diameter:</b>	80µm
<b>Measured parameters:</b>	12 parameters, WBC, RBC, HCT, RDW, HGB, MCH, MCHC, PLT, PCT, MPV, PDW
<b>Sampling method:</b>	Open tube system with automatic sample rotor
<b>Sample types:</b>	Human (general), Male, Female, Baby, Toddler and Child
<b>Sample types vet mode:</b>	Dog, cat, horse, cattle, pig
<b>Reagent sensors:</b>	Optical reagent sensors, programmable waste counter
<b>Clog prevention:</b>	High-voltage puls and chemical cleaning of the aperture in each analysis cycle using Cleaner reagent
<b>Quality control:</b>	Mean, ± range, SD and CV for all calculated parameters, 16-day Levey-Jennings charts, separate QC database
<b>Calibration:</b>	Automatic, or manual calibration of WBC, HGB, RBC, PLT, MCV, RDW, MPV
<b>Data storing capacity:</b>	100 results
<b>User interface:</b>	Easy-to-use, menu driven user interface with 4 software buttons, 4 hardware function buttons, cursor and numeric keys
<b>Display:</b>	4x20 alphanumerical high contrast, backlit, LCD
<b>Keypad:</b>	21 foil keys + START button
<b>Host computer interface:</b>	Serial (RS-232) computer link
<b>Software upgrade:</b>	Via RS-232
<b>Optional built-in printer:</b>	"Easy Paper Operation" thermal printer
<b>Power supply:</b>	External 12VDC, 6A power module
<b>Power requirements:</b>	100-120 or 200-240V / 50-60Hz
<b>Power consumption:</b>	Standby: 5W, operating: max. 72W
<b>Operating temperature:</b>	15 - 35 °C
<b>Net weight:</b>	12 kg
<b>Dimensions (W x D x H):</b>	320x260x365 mm

Your distributor:



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