

## 5-Part Auto Hematology Analyzer BK-6310



### Features:

- ①. Throughput: 60T/H.
- ②. 14-inch touch screen.
- ③. Tri-angle laser scatter + flow cytometry method + impedance method for counting.
- ④. 3D holographic scattergram displays the accurate 5-part differentiation of WBC.
- ⑤. Large storage capacity: 300,000 results (including histogram, scattergram, patient information).

### Parameters:

Model	BK-6310			
Throughput	60 Tests/hour			
Assay Items	5 parts, 25 parameters, 3 histograms, 3D scattergram			
Principle	Tri-angle laser scatter, Flow cytometry method, 3D scattergram analysis, Impedance method for RBC and PLT counting, Cyanide free reagent for HGB test			
Test Mode	CBC mode, CBC+DIFF mode; Venous whole blood, Capillary whole blood and Prediluted			
Sample Volume	CBC+DIFF mode: 19.8µl; CBC mode: 10µl; prediluted blood: 20µl			
Parameters	WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PCT, PDW, P-LCR, P-LCC, NEU%, LYM%, MON%, EOS%, BAS%, NEU#, LYM#, MON#, EOS#, BAS# 4 research parameters: ALY%, ALY#, LIC%, LIC#			
Performance	Item	Linearity range	Carry Over	CV
	WBC	1~99.9*10 <sup>9</sup> /L	≤ 0.5%	≤ 2.0%
	RBC	0.3~7*10 <sup>12</sup> /L	≤ 0.5%	≤ 1.5%
	HGB	20~240g/L	≤ 0.5%	≤ 1.5%
	PLT	20~999*10 <sup>9</sup> /L	≤ 1.0%	≤ 4.0%
Storage	300,000 results including histogram, scattergram and patient information			
Interface	4 USB ports, 1 LAN port Bi-direction LIS, support HL7 protocol, Internal RFID reader			
Power Supply	AC100-240V,50/60Hz, 300VA			
Package Size(W*D*H)	575*490*690mm			
Gross Weight	46kg			
Reagent Package Size(W*D*H)	330*330*330mm; 330*230*230mm; 330*230*230mm			
Reagent Gross Weight	22kg, 2kg, 1kg			

## 5-Part Auto Veterinary Hematology Analyzer BK-6310VET



### Features:

- ①. Throughput 60T/H.
- ②. 14-inch touch screen.
- ③. Tri-angle laser scatter + flow cytometry method + impedance method for counting.
- ④. 3D holographic scattergram displays the accurate 5-part differentiation of WBC.
- ⑤. Large storage capacity: 300,000 results (including histogram, scattergram, animal information).

### Parameters:

Model	BK-6310VET			
Throughput	60 Tests/hour			
Sample Profile	Dog, cat, camel, bird, horse, cattle, cow, goat, sheep, pig, mouse, monkey			
Assay Items	5 parts, 25 parameters, 3 histograms, 3D scattergram			
Principle	Tri-angle laser scatter, Flow cytometry method, 3D scattergram analysis, Impedance method for RBC and PLT counting, Cyanide-free method for HGB test			
Test Mode	CBC mode, CBC+DIFF mode; Venous whole blood, prediluted			
Sample Volume	CBC+DIFF mode: 19.8µl; CBC mode: 10µl; prediluted blood: 20µl			
Parameters	WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PCT, PDW, P-LCR, P-LCC, NEU%, LYM%, MON%, EOS%, BAS%, NEU#, LYM#, MON#, EOS#, BAS#, 4 research parameters: ALY%, ALY#, LIC%, LIC#			
Performance	Item	Linearity range	Carry Over	CV
	WBC	1~99.9*10 <sup>9</sup> /L	≤ 0.5%	≤ 2.0%
	RBC	0.3~7*10 <sup>12</sup> /L	≤ 0.5%	≤ 1.5%
	HGB	20~240g/L	≤ 0.5%	≤ 1.5%
	PLT	20~999*10 <sup>9</sup> /L	≤ 1.0%	≤ 4.0%
Storage	300,000 results including histograms, scattergrams and patient information			
Interface	4 USB ports, 1 LAN port, Bi-direction LIS, support HL7 protocol, Internal RFID reader			
Power Supply	AC100-240V,50/60Hz, 300VA			
Package Size(W*D*H)	575*490*690mm			
Gross Weight	46kg			
Reagent Package Size(W*D*H)	315*315*280mm; 190*240*350mm			
Reagent Gross Weight	20kg; 1.5kg			