

SMART CHOICE FOR THE UPGRADE TO 5-PART

About skyla

skyla established in 2011. We have a professional engineering team leveraging from Taiwan IT infrastructure and Taiwan ITRI. Technology focuses on developing a multiplexing platform for IVDs and can be quick, easy, and simultaneous monitoring of biomarkers in a micro-sample. skyla provides quality products and service to create a healthier and better future for all.



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skyla[®] SH50

Mini 5-Diff Hematology with RET



skyla[®] SH50

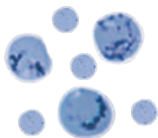
Mini 5-Diff Hematology with RET

SH50 is a compact 5-part hematology analyzer equipped with new and improved specific parameters, which is more suitable for small veterinary hospital and is useful to veterinarians not only for diagnostic information, but also providing invaluable prognostic value for their patients.

Features

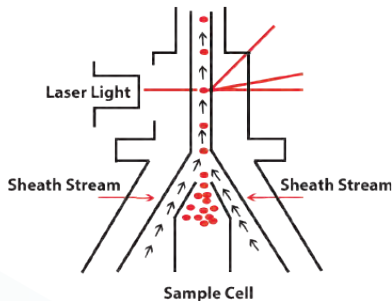
More comprehensive parameters

- Reticulocyte** for the evaluation of anemia types
RET%, RET_ABS, IRF
- NRBC** for the evaluation of regenerative anemia or splenic disease
- LIC, ALY** for the evaluation of stress, infection or neoplastic disorders

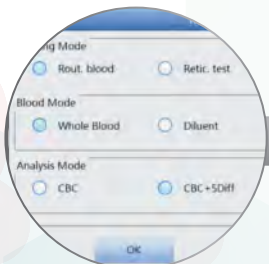


Accurate, Pure Laser Technology

- Advance precision laser-based flow cytometry
- Original cell morphology can be precisely measured in seconds
- Free chemical dye, lower the cost



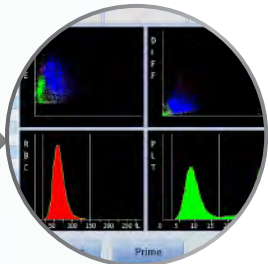
Simple 3-Step Procedures



Choose Mode



Press "Count" button



Get result in seconds



Rapid Test Time
CBC+5 DIFF results can be available within 60s.



Micro Sample Requirement
Only 20μL whole blood are needed to run a full, 5-part CBC differential



Easy to Operate and Maintain
Big Touch Screen, Multi-Language, One-Key Maintenance



34 Whole Blood Parameters

Red blood cell (13 items)

RBC	MCH	RET% (Reticulocytes)
HGB	MCHC	RET_ABS (Absolute reticulocyte count)
HCT	RDW_CV (Coefficient of Variation)	IRF (Immature Reticulocyte Fraction)
MCV	RDW_SD (Standard Deviation)	NRBC# (Nucleated Red Blood Cells)
		NRBC% (Nucleated Red Blood Cells)

White blood cell (15 items)

WBC	NEU%	ALY# (Abnormal Lymphocytes)
LYM#	EOS#	ALY% (Abnormal Lymphocytes)
LYM%	EOS%	LIC# (Large Immature Cells)
MON#	BASO#	LIC% (Large Immature Cells)
MON%	BASO%	
NEU#		

Platelet (6 items)

PLT
MPV
PDW
PCT
P-LCC (Platelet-Larger Cell Count)
P-LCR (Platelet-Larger Cell Ratio)

Histogram

- RBC
- PLT

Scattergram

- WBC Diff
- Reticulocyte

Specifications

Principles

Method	WBC Diff: Laser Light Multi-Dimensional Cell Classification; WBC/HGB/PLT Analysis: Electrical Impedance Method; HGB Analysis: Cyanide-free Reagent Colorimetry
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Device

User Interface	10.4 inch Touch Screen
Memory Capacity	Up to 200,000 Sample Results with Grams
Dimensions/Weight	350(W) x 450 (H) x 430 (D) mm, 28kg
Data Transmission	Serial Port, USB, LAN
Printer	External Printer, LIS
Operation Environment	10°C - 40°C, Humidity 10% - 90%

Reagent & Sample

Reagent	Diluent, Sheath, Detergent, Lyse
Sample Volume	Whole Blood: 20μL; Prediluted: 20 μL
Throughput	Up to 60 samples per hour
Species	Dog, Cat, Horse, Pig, Cow, Buffalo, Rabbit, Monkey, Rat, Mouse, Sheep, Goat, Camel, 3 User-defined