

TEK3500 Automatic 3 diff Hematology analyzer



Composition

This product mainly consists of a blood analyzer main unit, a printer (built-in, with optional external printer available), and optional accessories (software, peripherals, and consumables).

Application

Used for qualitative and quantitative analysis of formed elements in blood, providing relevant information.

Specifications

Model	TEK3500
Test items	WBC、LYM#、MID#、GR#、LYM%、MID%、GR%、RBC、HGB、HCT、MCV、MCH、MCHC、RDW-CV、RDW-SD、PLT、MPV、PDW、PCT、P-LCC、P-LCR
Histogram	White blood cell (WBC) histogram, red blood cell (RBC) histogram, platelet (PLT) histogram
Sample Type	pulse blood, peripheral blood, prediluted blood
Test mode	whole blood mode, pre-dilution mode
Blood volume	10 μ L of venous blood and peripheral blood, 20 μ L
Storage	Automatic storage, maximum of 200,000 sample results (including sample information)
Test speed	60 samples / hour, can be turned on for 24 hours, custom sleep time
Data query method	Sample number query, patient data query, test date query, multi-keyword query. And support for data export to the EXCELL format
Operating characteristics	Forward and backward flushing and blockage removal technology, combined with high-pressure burning and blockage removal, with extremely low blockage rate
Display	Large size color touch LCD screen, all results and histograms are displayed on the same screen
Operation mode	Support keyboard, mouse operation, graphic touch operation, handwritten input
Quality control	L-J, X-R, floating mean value, etc

Printing	Built-in thermal printer, a variety of printing formats, and support for external printer
Information transmission	Bidirectional LIS communication, HL7 and other transmission protocols
Wireless connection	WIFI, Bluetooth (optional) and other wireless transmission of data, wireless printing, LIS connection, laboratory LAN
Interface	LAN, RS232, HDMI, 4 USB
Language	Support multi-language
Options	Bar code scanner (optional)
Power supply and power	~100-240V
Weight	Net weight: about 17kg Gross weight: about 20kg
Volume	Machine size: 265 * 380 * 420mm package size: 465 * 580 * 545mm