



**FusionGreen Healthcare Pvt. Ltd.**

*We deliver ...*

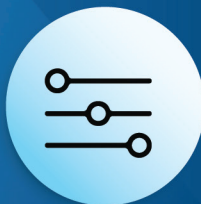


## FG 21d- Intelligent Automated Haematology Analyser

### Fast and Economical system



60 test / hour



22 parameters



3 reagents system

#### **Advance Design & Stable Performance**

- Intelligent block clearing Technology
- Automated High Pressure burning System

#### **Accurate Analysis & Perfect Quality**

- High Quality valves and Pipettor ensure Precise and Accurate Results

#### **Convenient Maintenance & Safety Echo Protection**

The user can easily run maintenance on their own with easy protocol. Metal body coating which makes the instrument shock proof.

Less wastage of resources like electricity, consumables etc and also performs with lesser noise makes it ECO friendly



# TECHNICAL SPECIFICATIONS

## PRINCIPLES

Impedance method for WBC, RBC and PLT counting Cyanide free reagent for haemoglobin test

## PARAMETERS

22 parameters: WBC, Lymph#, Mid#, Gran#, Lymph%, Mid%, Gran%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, PLC-R 3 histograms for WBC, RBC and PLT

## REAGENT

DILUENT  
LYSE  
PROBE CLEANSER

## SAMPLE VOLUME

Prediluted mode 20µl  
Whole blood mode 9µl

## THROUGHPUT

60 samples per hour

## DISPLAY

8.5-inch LCD Touch Screen

## PERFORMANCE

Parameter	Linearity Range	Precision (CV %)	Carryover
WBC (10 <sup>9</sup> /L)	0 - 100	1.5% (4.0-10)	0.5%
RBC (10 <sup>12</sup> /L)	0.3 – 7.0	1.5% (3.5-5.5)	0.5%
HGB (g/L)	0 - 240	1.5% (110-160)	0.5%
MCV (fL)		1% (70-110)	
PLT (10 <sup>9</sup> /L)	0-1000	5.0% (100-149)	1.0%

## DATA STORAGE CAPACITY

Internal Testing data can be stored when power off. There is 2G SD memory card in the instrument which could save more than 400000 testing data.

## CONTROL MODE

Quality control mode of L-J, X-B and X-R. West Guard Quality Control Regulation

## COMMUNICATION

LAN Connection and LPT

## INTERFACE

4 USB Port & 3 RS 232 Port  
One internet port  
One VGA port

## PRINT OUT

Rapid Thermal Recorder  
Recording width: 48mm  
Paper width : 57.5mm

## OPERATING ENVIRONMENT

Temperature : 2°C ~ 40°C  
Humidity : ≤80%  
Atmospheric Pressure:  
50.0kPa ~106.0kPa

## POWER REQUIREMENT

Power Supply : AC 220V±22V\  
AC100-240V

## DIMENSION AND WEIGHT

345 mm X 245 mm X 330 mm  
12 Kg

