

HEMA - 2062 PLUS

Fully Automated Hematology Analyzer



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Product Introduction

- 3-part differentiation of WBC, 23 parameters +3 histograms
- Low sample volume: 10µ blood
- Unique dilute program, independent HGB detection system
- Up to 60 samples per hour
- Automatic probe cleaning & sample dilution
- Large color LCD display
- Data storage of 30,000 sample with histogram
- Used for all animals plus 2 users defined species

►► General Technical Specifications

Principles

Electrical resistance for counting and SFT method for hemaglobin.

Parameters

WBC, Lymph, Mid, Gran, Lymph%, Mid%, Gran%, MO%, MO#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PIT, MPV, POW, PCT, WBC Histogram, RBC Histogram, PIT Histogram, P-LCR.

Working mode

Durable counting pathway Independent HGB detection system, (CBC + WBC)

Operating mode

Color windows interface, figure button, mouse input

Interface

1 parallel interface, 2 USB interfaces, 2 RS232 interfaces (with net), 1 VGA interface

Specification

23 parameters, with 3 part WBC differential

Aperture Diameter 70µm

10 µL sampler volume

memory for 30,000 results including histograms

Throughput: 60 samples/hour

Automatic and manual calibration

Automatic dilution when power on/off

High voltage cleaning after each measurement

QC mode: X-B, L-J curve, SD, CV

Facility of provision to avoid sample carry over

►► Performance

Parameter	Linearity Range	Precision
WBC	0.5~99.9X10 ⁰ /L	CV <2.0%
RCB	0.2~99.9X10 ² /L	CV <1.5%
HGB	1.0~299.9 g/L	CV <1.5%
MCV	40~200.0 fL	CV <0.5%
PLT	0~999X10 ⁰ /L	CV <4.0%

►► Carryover

Carryover

WBC <0.5%, RBC<0.5%, HGB<0.5%, PLT<2%,

Operating Environment

Temperature 15°C~35°C

Humidity 10% ~ 85%

Printout

Thermal recorder, printer

Optical external printer

Display

Large color LCD Touch Screen display, resolution :
640X480 dot.

Power Requirement

175-265~50/60HZ

Weight

25kg



HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

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Spectro 2080+
Double Beam



Infra FTIR



Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



Atomic Absorption
Spectrophotometer



Liquid Particle
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
Hematology
Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
CLIA



NOVA-2100
Chemistry Analyzer



PCR/Gradient PCR/
RTPCR



TOC
Analyzer



Laser Particle
Size Analyzer



Ion Chromatograph



Water purification
system

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical
Foundation

1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.



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