

3500D

Mini Path Lab



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

Introduction:

Multi-Functional Analyzer

7-Diff Hematology + Immunology + Biochemistry analysis

All-In-One

Combining hematology, immunoassay, biochemistry, urine and fecal testing in one device, our product simplifies diagnostics, reduces costs, and optimizes lab space, catering to the needs of healthcare

Advanced Cell Morphology Analysis

With more than 7-diff hematology analysis, AI-driven EHBT-50 can identify multi-classified blood cells and abnormal cells, such as RET, NRBC, AL, PLT...



Schistocyte

Echinocyte

RET

Teardrop cell

NSG

NST

NSH

APLT

Linearity

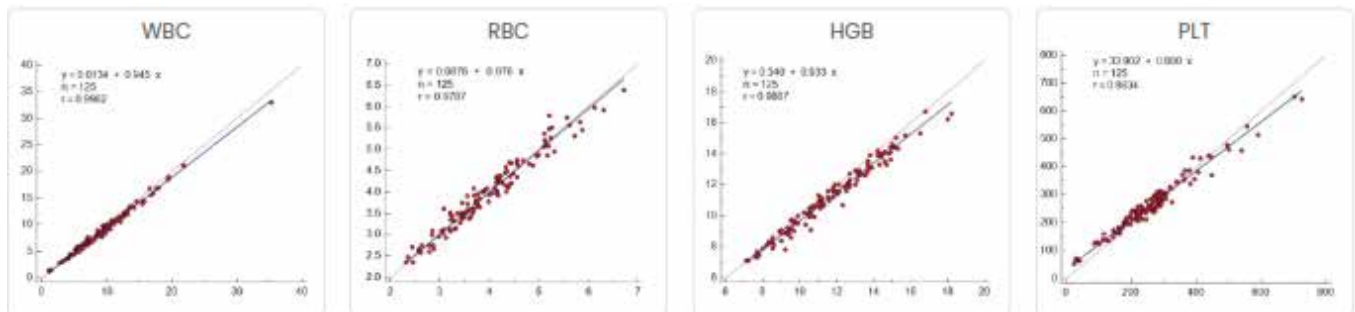
Parameters	Linearity	Allowable Deviation %	R ²
WBC	1.0 ~ 10.0*10 ⁹ /L 10.1 ~ 99.9*10 ⁹ /L	Within ±0.5*10 ⁹ /L Within ±5%	≥0.990 ≥0.990
RBC	0.30 ~ 1.00*10 ¹² /L 1.01 ~ 7.00*10 ¹² /L	Within ±0.5*10 ¹² /L Within ±5%	≥0.990 ≥0.990
HGB	20 ~ 70g/L 71 ~ 200g/L	≤2g/L Within ±3%	≥0.990 ≥0.990
PLT	20 ~ 100*10 ⁹ /L 101 ~ 999*10 ⁹ /L	Within ±10*10 ⁹ /L Within ±10%	≥0.990 ≥0.990

Precision

Parameters	CV	CV
WBC	3.5 ~ 9.5*10 ⁹ /L	≥6.0
RBC	3.8 ~ 5.8*10 ¹² /L	≥3.0
HGB	115 ~ 175g/L	≥2.5
PLT	125 ~ 350*10 ⁹ /L	≥10.0
HCT/MCV	35~50% (HCT) 82~100fL (MCV)	≥3.0 ≥3.0

Test Item

7-Diff CBC	WBC, NEU#, LYM#, MON#, EOS#, BAS#, NEU%, LYM%, MON%, EOS%, BAS%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT, P-LCR, NST, NSG, AL, Sick cell, Microcyte, APLT, NLR, PLR, RET, NRBC, ESR			
Immunoassay (27 items)	Bone Metabolism	25-OH-VD	Diabetes	HbA1C
	Kidney	mALB, NGAL, β 2-MG	Thyroid	T3, T4, TSH, FT3, FT4
	Anemia	Ferritin	Cardiac	NT-ProBNP, cTnI, Myo
	Sex Hormone	β -HCG, LH, FSH, Prog, PRL, E2, TEST, AMH		CK-MB, cTnI/Myo/CK-MB, CTnT
	Inflammation	CRP, hs-CRP, SAA, CRP/SAA, IL-6	Thrombus	D-Dimer
Biochemical	Blood Glucose & Lipid	GLU, TG, TC, UA	Renal & Liver Test	ALT, AST, UA, Crea.
Test	Renal Test	UA, Crea., UREA	Liver Test	ALT, AST, TB, ALB
Urine & Fecal Test	Can be expanded via OTA in the future			



Specifications:

Principle: Cell morphology for CBC

GICA test: Gold immuno chromatography assay

FIA test: Immunofluorescence assay

Biochemical analysis: Dry chemistry

HGB: Photoelectric colorimetry

Printer: Built-in thermal printer, external printer (optional)

Dimensions: 400mm x 350mm x 450mm (L x W x H)

Communication: LIS, HIS, LAN port, 4 USB ports, Type C port SIM port, RTC port

Sample Mode: Capillary/venous whole blood

Quality Control: Dry-type QC card

Sample Volume: 30 μ L

Calibration Mode: Auto calibration

Power Supply: 100-240V, 50/60HZ

Throughput: 10 samples/hour

Weight: 15kg (N.W.)

Display: 10.1-inch touch screen

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, Manufaturing, 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.

Our Products & Technologies



UV-TS 2080



Infra FTIR



Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph



ICP-OES 3500



Atomic Absorption
Spectrophotometer



Liquid Partical
Counter



Optical Emission
Spectrophotometer



STA



Semi Auto Bio
Chemistry Analyzer



LCMS



GCMS



XRD



Total Organic
Carbon 3800



ZETA SIZER



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:



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.

Reach us @



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