

3500DVR

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 For Vet

6-Diff Hematology + Urine + Feces + Immunology analysis

Your Ideal Veterinary AI Lab:

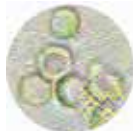
Powered by AI-driven 6-part differential hematology analysis, our product also supports urine and fecal immunology testing

Advanced Cell Morphology Analysis:

With more than 6-diff hematology analysis, 3500DVR is able to identify multi-classified blood cells and abnormal cells, such as RET



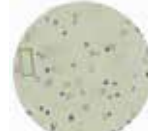
Stab Form
Neutrophil



Teardrop Cell



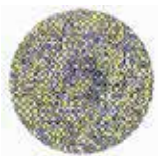
Schistocyte



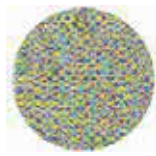
MAPC



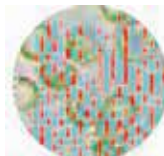
Bacilli



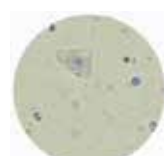
Segmented
Neutrophil with
Four Lobes



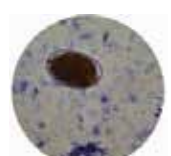
Heinz Body



Echinocyte



SEC



Hookworm
Egg

Linearity

Parameters	Linearity	Allowable Deviation %	R ²
WBC	3.0 ~ 80.0*10 ⁹ /L	Within ±15.0	≥0.98
RBC	4.0 ~ 18.0*10 ¹² /L	Within ±6.0	≥0.98
HGB	80 ~ 300g/L	Within ±6.0	≥0.98
PLT	150 ~ 800*10 ⁹ /L	Within ±20.0	≥0.98

Precision

Parameters	CV
WBC	≥6.0
RBC	≥3.0
HGB	≥2.5
PLT	≥10.0
MCV	≥3.0

Test Item

6-Diff CBC	16 items for white blood cell	WBC, NEU#, NST#, NSG#, LYM#, MON#, EOS#, BAS#, NEU%, NST/WBC%, NSG%, LYM%, MON%, EOS%, BAS%, and NST/NEU%
	19 items for red blood cell	RBC, HGB, HCT, MCV, MCH, MCHC, RDW_CV, RDW_SD, HDW-SD, HDW-CV, ETG#, ETG%, NRBC#, NRBC/WBC%, NRBC/RBC%, RET#, RET%, MCVr, and RDWr-CV
	8 items for platelets	PLT, MPV, LPLT#, PDW-SD, PDW-CV, PCT, P_LCR, and APLT#
Analysis of Fecal Sediment	4 items for parasite	Hookworm egg, tapeworm egg, dipylidium caninum egg, and spirometra tapeworm egg
	6 items for intestinal protozoa	Trichomonas, giardia, coccidia, isospora 0, isospora 1, and isospora 2
	3 items for cell	Red blood cell, white blood cell, and epithelial cells
	4 items for food residue	Starch granule, lipid droplet, plant fiber, and muscle fiber
	11 items for microbial community	Cocci, bacilli, short rod-shaped bacteria, crude rod-shaped bacteria, fine rod-shaped bacteria, rod-shaped bacteria, curved rod-shaped bacteria, spore forming bacteria, snake shaped spirochetes, dense spirochetes, and yeas
11 items for microbial community	4 items for cast	Transparent cast, cellular cast, granular cast, and wax cast
	5 items for cell	White blood cell, red blood cell, squamous epithelial cell, transitional epithelial cell, and renal tubular epithelial cell
	7 items for crystal	Magnesium ammonium phosphate crystal, calcium oxalate crystal, monohydrate calcium oxalate crystal, dihydrate calcium oxalate crystal, calcium phosphate crystal, uric acid crystal, and cystine crystal
	4 items for microorganism	Cocci, bacilli, yeast, and mold
	2 items for others	Fat droplet, and mucus
Immunoassay Items	2 items for fluorescence (expandable)	Rapid quantitative determination of canine C-reactive protein (CRP) Rapid quantitative determination of feline serum amyloid protein A (fSAA)

Specifications:

Principle: Cell morphology for CBC/feces/urine FIA for immunofluorescence assay

Sample Mode: Blood, feces, urine

Calibration Mode: Auto calibration

Quality Control: Dry-type QC card

Sample Volume: 55µL

Communication: 2 USB ports, LIS

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

Species: Canine, feline (more species will be extended, customization is available)

Throughput: 8 samples/hour

Display: 10.1-inch touch screen

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

Weight: 15kg (N.W.)

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

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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Liquid Particle
Counter



Optical Emission
Spectrophotometer



STA



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Chemistry Analyzer



LCMS



GCMS



XRD



Total Organic
Carbon 3800



ZETA SIZER



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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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