



# FIRST IN SMART CARE, ALWAYS THERE TO CONNECT

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## VETERINARY CHEMISTRY ANALYZER

Micro-sample, macro-impact on animal diagnostics.



### FEATURE

- Full spectrum module
- Reference ranges for over 50 species
- Rapid results in 12-15 minutes
- Comprehensive biochemical analysis (18 items)
- Minimal sample size required (140µl whole blood or 60µl serum/plasma)
- Specialized reagent kits for exotic pets (birds/reptiles)
- Suitable for both vet clinical and research applications

### DESCRIPTION

Innovated diagnostic tool designed for veterinary professionals and researchers. Our advanced technology offers:



#### Versatility in Clinical Settings

- Ideal for general check-ups, senior pet care, and pre-surgical assessments
- Enables quick diagnosis and treatment adjustments for various animal species



#### Research Excellence

- Accelerates laboratory processes in tumor drug validation and radiation impact studies
- Provides real-time physiological data for immediate experimental adjustments



#### Zoo and Wildlife Applications

- Trusted by major zoos for monitoring diverse animal health
- Facilitates care for exotic and endangered species



#### Micro-sample Capability

- Perfect for small or difficult-to-sample animals
- Reduces stress on animals during blood collection



#### Comprehensive Analysis

- Covers crucial health indicators including glucose, protein, cardiac, hepatic, renal, pancreatic, and electrolyte markers



1. Analyzer lid
2. Spindle
3. Touch Screen
4. Printer



#### Medical grade spectrometer

Higher sensitivity



#### Support over 50 species

Including companion animals, exotic animal, avian, reptile and horse



#### All-in-one analyzer

Including Biochemistry, Electrolyte, Immunoassay tests



#### Micro sample volume

ONLY 60/140 ul



#### Simple Operation

ONLY 3 steps



#### Fast analyzing time

ONLY 12-15 min

## APPLICATION

- Veterinary Clinical Practice: Comprehensive system for routine check-ups, senior care, and emergency diagnostics.
- Research Laboratories: Advanced platform for drug studies and real-time physiological research monitoring.
- Zoo and Wildlife Care: Specialized diagnostics for exotic and endangered species monitoring.
- Specialized Animal Care: Targeted solutions for small animal and exotic pet healthcare management.

## SPECIFICATION

**Species** 50 Species, scalability for adding new species.

Mammal : Canine, Puppy-Canine, Feline, Kitten-Feline, Rabbit, Guinea pig, Hedgehog, Sugar glider, Hamster, Chinchilla, Ferret, Groundhog, Mouse, Rat, Equine, Yearling-Equine, Foal-Equine, Brood Mare-Equine, Alpaca  
Avian : African Grey Parrot, Amazon Parrot, Cockatoo, Macaw, Macaw (Juvenile), Eclectic Parrot, Quaker Parakeet, Caique, Conure, Cockatiel, Budgerigar, Lorikeet, Lovebirds, Pigeon, Mynah, Falcon, Harris Hawk, Red-tailed Buzzard, Owl  
Reptile : Tortoise, Box Turtle, Freshwater Turtle, Sea Turtle, Iguana, Pogona, Gecko, Monitor Lizard, Chameleon, Python, Boa Constrictor, Corn Snake

|                                                  |                                                                     |
|--------------------------------------------------|---------------------------------------------------------------------|
| <b>Sample Type</b>                               | Anti-coagulant whole blood, plasma, serum, urine.                   |
| <b>Units</b>                                     | S.I. units, Common units                                            |
| <b>Time to Result</b>                            | Whole Blood: approx. 15 minutes<br>Plasma/Serum: approx. 12 minutes |
| <b>Ambient Temperature and Relative Humidity</b> | 5°C ~ 40°C and 10 ~ 90%RH                                           |
| <b>Measurement Conditions</b>                    | 15°C ~ 30°C and 20 ~ 80%RH (with no condensation)                   |
| <b>Interface</b>                                 | RS232, USB port, Ethernet                                           |
| <b>Power Supply</b>                              | 110 - 240 volts AC, 50 - 60 Hz                                      |
| <b>Reaction Temperature</b>                      | 37.5°C                                                              |
| <b>Net weight</b>                                | 7.5 kg                                                              |
| <b>Dimensions</b>                                | Length: 340mm<br>Width: 240mm<br>Height: 240mm                      |