

Parameters

Item	Specification
Size	L330×W340×H435 mm
Weight	15kg
Duration of single testing	5min
Centrifugation rotation speed	2000Rpm
Centrifugation time	30s
Camera resolution	1280*960
Sample volume	175uL
Number of photos	70
Number of locations of photographing	70
Identification range	2 um~90 um (bacteria → cast)

Configuration

Items	Qty	Configuration
Main unit	1	Standard
Power line	1	
USB 3.0 Type A double-end connecting cable	1	
Pipettor	1	
Counting chamber	4 sleeves/pack 50 pieces/sleeve	Consumables (Non-Standard)
Quality control liquid	0.5ml/bottle, 2 bottles (high and low level)	
Desktop computer set	1	Optional

Computer Configuration

Item	Minimum Configuration Requirements
CPU	Intel Core i5-9400F @2.90GHz
Graphics Card	NVIDIA GeForce GTX 1650
Graphics Card Memory	4G
Memory	8G
Hard drive capacity	500G
System	Win10 Professional Edition
Monitor Resolution	1920*1080

*The computer is required to have USB 3.0 interface

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VS-Pro
Veterinary Urine Sediment Analyzer

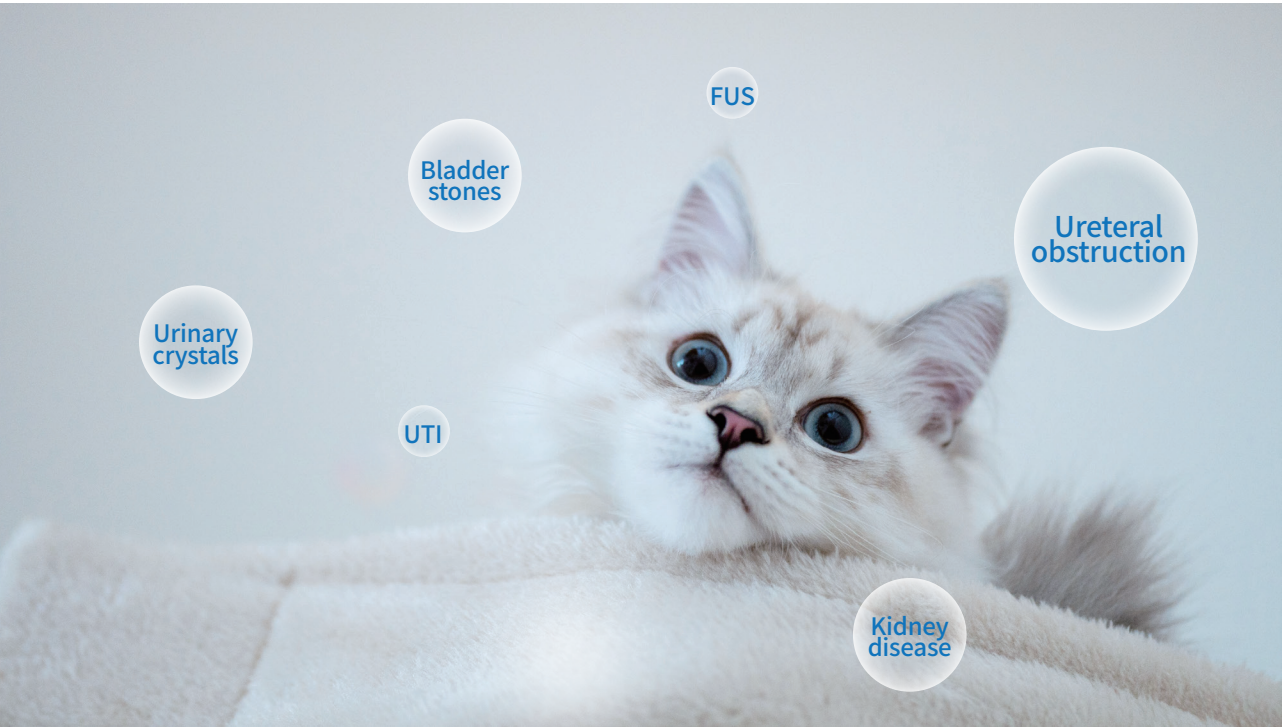
RWD



Scientific synergy
Precise analysis

From Animal Needs, For Animal Use

Urinary system diseases are very common in dogs and cats, and the incidence rate is second only to digestive system diseases in cat patients. The occurrence sites involve the urethra, bladder and kidneys, which bring great pain to pet patients. Early diagnosis and early treatment are significant in controlling disease development.



RWD VS-Pro Veterinary Urine Sediment Analyzer adopts the gold standard methodological detection principle of manual microscopic examination and neural network intelligent recognition technology, which can quantitatively/semiquantitatively analyze red and white blood cells, epithelial cells, crystals, casts and bacteria and other urine sediments, provides an important basis for diagnosing pet urinary system diseases.

High-quality imaging
Automatically capture high-resolution images of 70 sites per run

Worry-free operation
One button to start sample centrifugation, focusing, imaging, sediment classification and counting

Efficient and accurate
the detection time is short, only requires 175 μ L (four to five drops) of fresh urine, and the result can be obtained in 5 minutes

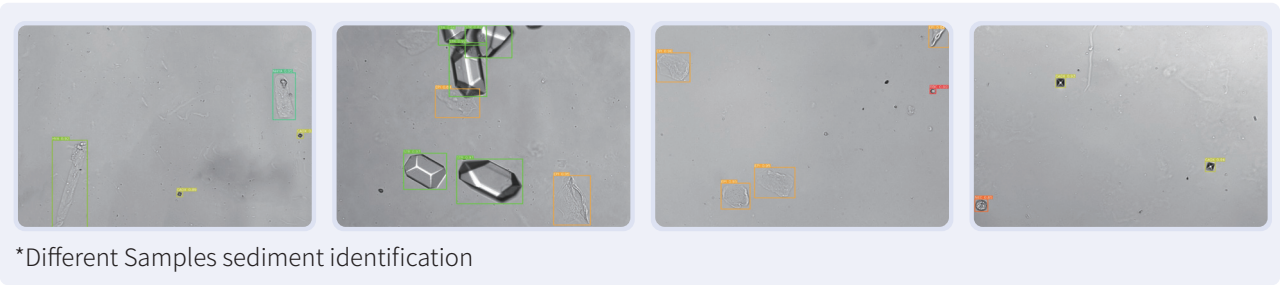
User-friendly
safe and stable, easy to use, even novices can quickly master it

Continuous evolution
As the number of samples increases, the recognition algorithm is continuously upgraded to improve the ability to identify rare samples

Remote service
After connecting to the cloud server, timely warning and cloud upgrade service can be realized

Testing items

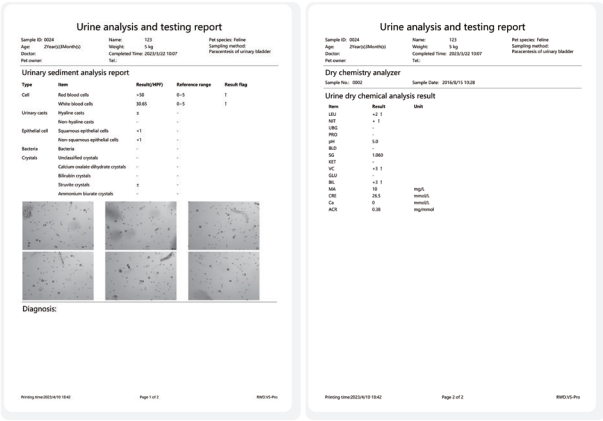
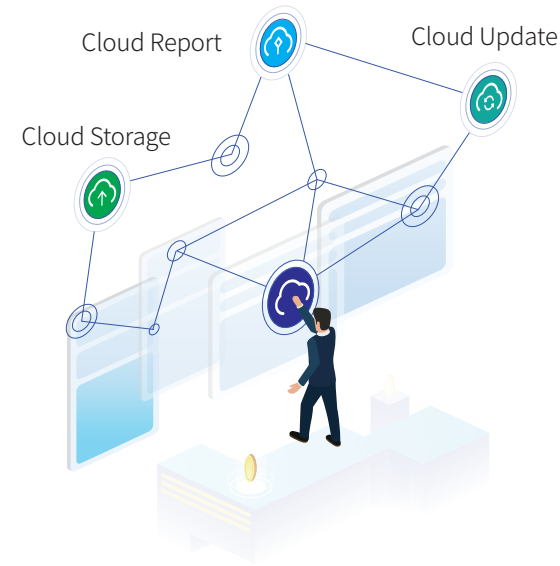
- Blood Cell: RBC, WBC
- Casts: HYA, NHYA
- Epithelial Cells: EPI, NEC
- Microorganism: Bacteria
- Crystals: CAOX, STR, CRTu



Testing Reports

- For each examination, VS-Pro will select 70 sites and take 70 high-definition pictures, accurately reflecting the sediment number of the urine sample.
- The algorithm automatically identifies the sediments, and the results support manual addition, which is a perfect combination of intelligent technology and clinical experience.
- Check to quickly embed pictures, one-click to export reports, and support both Word and PDF file formats.

Global Cloud Service



★ To generate the urine chemical analysis report, it needs to be connected to the UA-100 animal urine analyzer.