



- Automation** "Sample in, result out", automation covers the whole process, novice doctors can easily master
- Highly cost-effective** The equipment is cost-effective, the price advantage is obvious
- Expanding flexibility** Support the modular upgrade of different function, choose freely according to the situation, flexible expansion
- Short TAT** Detection time of single fecal sample for tangible components is no more than 12 minutes
- Comprehensive diagnosis** rich parameters, species-specific

According to statistics
Manual direct smear
The missed detection rate is as high as 50%
Research shows, for samples infected with hookworm, when only direct smear microscopy was performed, **the missed detection rate is even high as 75%**



Animals with full automatic intelligence examination system
Auxiliary diagnosis/empowered with Hi-tech

Manual traditional method	VS	Dymind D-wise
Low detection rate		High detection rate
Cumbersome operation		Convenient and quick automation
Unbearable smell.		Safety and hygiene considered
Sometimes Illegible		Reduce pollution
No clear report by tools		Clear and accurate report

Ascaris case

Case story: 8 months old, feeding dog food, keep regular immunization, deworming once when youth. Got cough for a month, master fed with cephalixin. 2 days ago, the dog kept vomiting nothing, lose appetite, showed occasional abdominal diarrhea, less stool, recently vomited with imago.

5-Diff hematology: with elevated eosinophils, allergy or parasitic infection was considered.

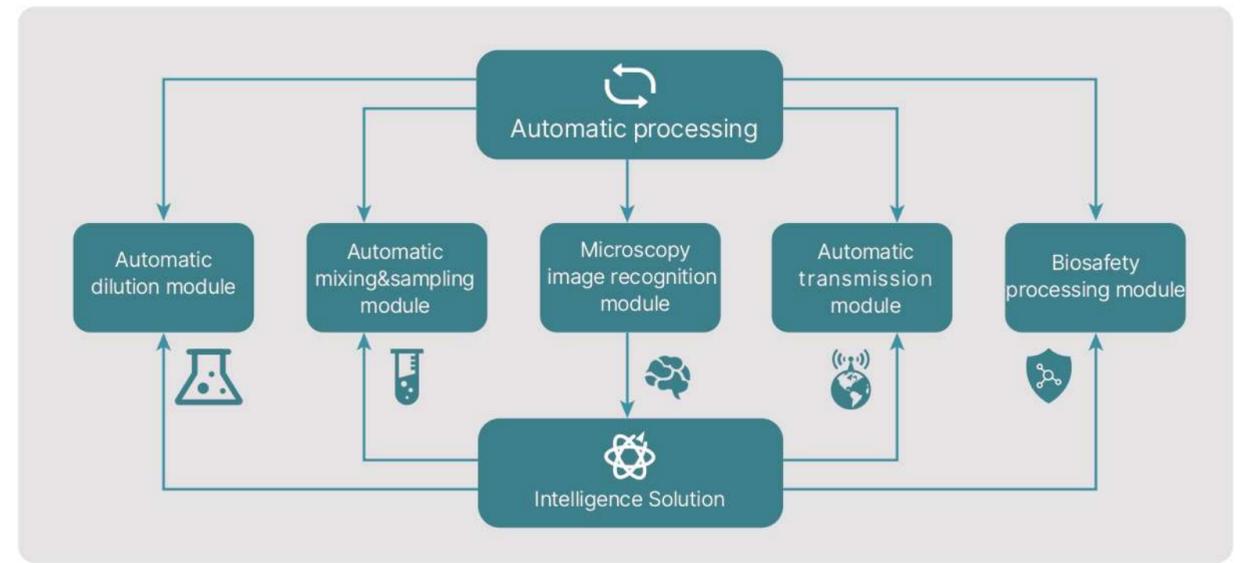
Dymind automatic AI intelligent detection system: ascaris eggs verified.



Parameters	Result	Unit	Parameters	Result	Unit
WBC	17.00	10 ⁹ /L	RBC	7.24	10 ¹² /L
Neu%	57.6	%	HGB	162	g/L
Lym%	14.9	%	HCT	45.3	%
Mon%	7.2	%	MCV	62.6	fL
Eos%	↑ 20.0	%	MCH	22.4	pg
Bas%	0.3	%	MCHC	358	g/L
Neu#	9.79	10 ⁹ /L	RDW-CV	14.4	%
Lym#	2.53	10 ⁹ /L	RDW-SD	37.6	fL
Mon#	1.22	10 ⁹ /L	PLT	199	10 ⁹ /L
Eos#	↑ 3.40	10 ⁹ /L	MPV	10.5	fL
Bas#	0.05	10 ⁹ /L	PDW	18.5	fL
			PCT	0.209	%



Sample input

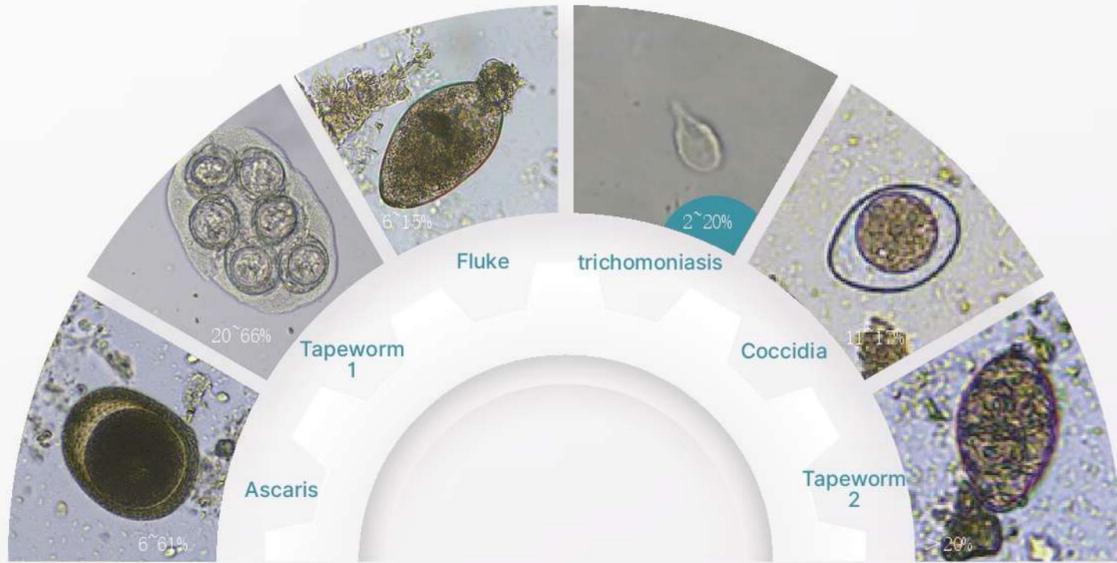


Result export



Current status, canine and feline parasites infection rate is still relatively high.

According to the report, the infection rates of common internal parasites in dogs and cats are as follows:



Tapeworm 1: Tapeworm oocyst
Tapeworm 2: Tapeworm eggs of Diegonia mansoni

Reasons for the high infection rate of internal parasites include:

1. Parasites can survive well in environment and are widely distributed
2. Short growth cycle of internal parasites (14-30 days) and strong breeding ability
3. Improper deworming and lack of broad spectrum drugs

Regular stool checks are preventative
The key to parasitic infection

D-wise

Lead the new trend of convenient, accurate and intelligent hospital detection

Project Name	Result	Reference Range
Trichomoniasis	Positive	Negative
Coccidia	Positive	Negative
Ascaris	Negative	Negative
Tapeworm	Positive	Negative
Hookworm	Negative	Negative
Whipworm	Negative	Negative
Trematode	Negative	Negative
Fat droplets	+++	
Muscle fibers	++	



Principle: Automatic sampling technology: only add sample without production, the whole process is automatic. Filtration separation technology: enrichment of eggs, exclusion of impurities. AI intelligent recognition technology: instant AI intelligent detection, deep learning.

Features: Fecal parasites: Roundworm, tapeworm, whipworm, coccidia, hookworm, trematode, trichomonas

Undigested material:
Fat droplets, starch granules, muscle fibers

Species: Dogs, cats, rabbits; Support for customizing other species

Sample types: Feces, anal swab, etc.

Speed: Fecal tangible component detection time: ≤ 12 min/time

Consumables: Disposable consumable set, no cross infection risk



D-wise

Automatic Veterinary AI Morphology Analyzer



10th Floor, Building B, High-tech Park, Guangqiao Road, Tianliao Community, Yutang Street, Guangming District, Shenzhen 518107, P. R. China

0086-755-26008015-8123

intl@dymind.com

www.dymind.com



Declaration: Shenzhen Dymind Biotechnology Co., Ltd reserves the right to change the product of specifications and appearance at any time. For the information of this manual, Shenzhen Dymind Biotechnology Co., Ltd reserves the right to the interpretation and the decision.

PN: EN-D-wise(1.0)