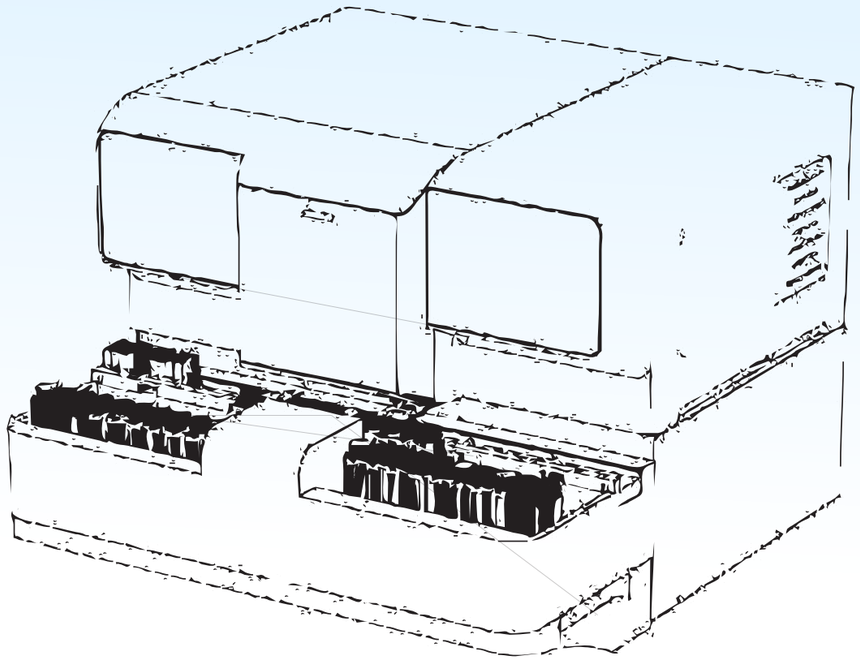
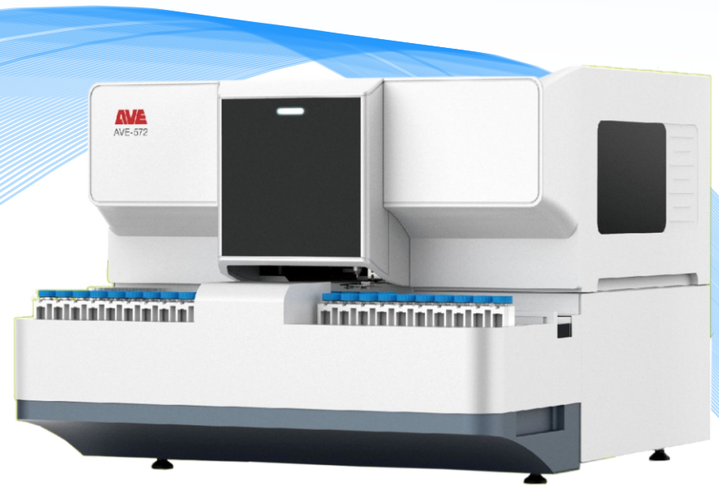
AVE-572

Feces Microscopy Analyzer



"Touching Human Lives Through Innovation"



Consumables

Product name	Packing specifications	Art. No.
Feces sample cup	200pcs/box	xxxxxxxx
Concentration tip	40pcs/box	xxxxxxxx
Slide	100pcs/box	xxxxxxxx
Cover slip	100pcs/box	xxxxxxxx

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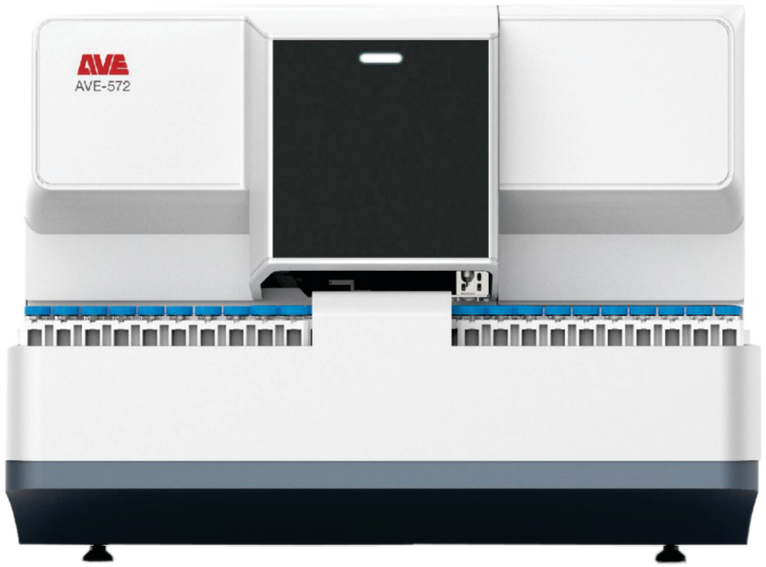
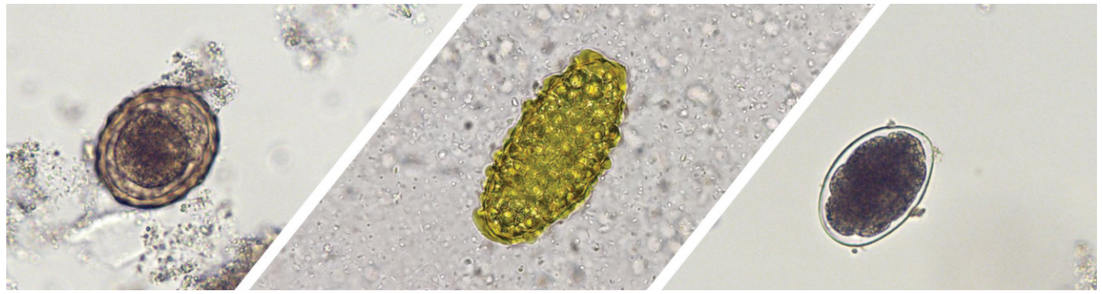


Measurement Process

1. Sample in sample cup is loaded
2. Sample is diluted and mixed up
3. Sample is sedimented or floated
4. Sample is aspirated, concentrated and smeared
5. Staining solution is added to the smear
6. Smear is placed under microscope LP and HP lens in turn, auto-focusing is performed and image is taken by built in camera
7. Image is evaluated and recorded and result is reported
8. Used smear is placed into the waste bin

Technical Features

The best choice for those who want to see Clearer Full Pictures of Parasite Ova and other Pathological Particles in feces samples.



- AVE-572 has a reproducible method for the preparation and evaluation of feces samples, which is based on the automation of traditional manual microscopy process.
- AVE-572 is an innovative application of TCT (Thin-layer Cytological Test) technology to feces microscopy. This technology can completely release those pathological particles from feces sample and then enrich them to achieve high detection rate.
- AVE-572 is a one stop full automation: automatic sample ® preparation, automatic loading of disposable slide and cover slip, automatic smearing and staining and carry-over free.
- AVE-572 has multi-layer image capture technology, which makes the inner core of parasite ova much more visible for evaluation.
- AVE-572 has a reproducible method for the preparation and evaluation Whole field of view microscopic images of parasite ova and other particles, in both LPF and HPF, are automatically presented on screen.
- AVE-572 has the latest AI recognition algorithm, which can identify and classify various particles automatically. And sustainable software upgrading and optimizing is available.
- Remote diagnosis and verification are extensible via 5G internet service.

Specifications

Detection principle	to identify, classify and count feces formed elements based on machine vision technology and automatic morphological microscopy.
Evaluated parameters	feces formed elements like parasite ova, leukocyte, erythrocyte, yeast, fat globules etc
Sample volume	0.5-1.5 g
Sample preparation	automatic dilution, mixing up, concentration, smearing, staining and used slide collection.
Sampler loading capacity	5 racks of 10 samples/rack
Slide loading capacity	200 pcs
Concentration factor	≥ 5 times

Throughput	60≤V≤90 tests/hour
Memory	≥200,000 results with images
Bar-code reader	built-in
Computer	external
Printer	external
Report	test results with images or diagrams
LIS/HIS connection	available
Size(L*D*H)	700mm*740mm*520mm
Weight	70 kg
Input	100~240VAC/50~60Hz
Power consumption	Max. 150W