

Mispa-F60 Related Products Catalog

Product name	Specifications	Purpose
Sample diluent	20 L/bucket	Dilute and liquefy the sample to be tested.
Cleaning solution	500 mL/bucket	Clean the liquid circuit system of the stool analyzer.
Concentrated cleaning solution	100 mL/bucket	Clean and daily maintain the liquid circuit system of the stool analyzer.
Sample collection cup - CUP 003	1000 pcs/carton	Collect, transport and storage stool samples.

Bio FOB Controls (Automatic Detection)

Product name	Model		Specification	Number of tests	Packing specification	Purpose
FOB multi-level indefinite value controls	Level III-II	Negative QC	6 T/bottle	6 tests/group	10 groups/box	For quality control
		Low level QC	3 bottles/group,	60 tests/group		
		High level QC	10 groups/box			

Bio TF Controls (Automatic Detection)

Product name	Model		Specification	Number of tests	Packing specification	Purpose
Transferrin (Tf) multi-level indefinite value controls	Tf-III-II	Negative QC	6 T/bottle	6 tests/group	10 groups/box	For quality control
		Low level QC	3 bottles/group,	60 tests/group		
		High level QC	10 groups/box			

Bio Form Element Controls (Automatic Detection)

Product name	Model and Name		Specification	Test No.	Purpose
Feces Formed Element Controls	QC-I:	(Fertilized) Egg of ascaris lumbricoides positive controls	1 ml* 1 bottle	2 T/piece	For quality control
	QC-II:	Egg of trichinella trichurus positive controls	1 ml* 1 bottle	2 T/piece	
	QC-III :	Egg of clonorchis sinensis positive controls	1 ml* 1 bottle	2 T/piece	
	QC-IV:	Red blood cells indefinited value controls	High Level: 5 ml* 2 bottles Low Level: 5 ml* 2 bottles	3 T/piece 6 T/box	
	QC-V:	White blood cells positive controls	5ml* 4bottles	3 T/piece 12 T/box	

Reagent Project

Name	Specification
Fecal Occult Blood Diagnostic Kit (Colloidal gold method)	20 TESTS/ BAG
Transferrin Diagnostic Kit (Colloidal gold method)	20 TESTS/ BAG
Rotavirus (RV) Group A Antigen Test Kit (Colloidal gold method)	20 TESTS/ BAG
Rotavirus Group A/Adenovirus Antigen 2in1 Test Kit (Colloidal Gold)	20 TESTS/ BAG
H. Pylori Rapid Test Kit (Colloidal gold method)	20 TESTS/ BAG
Calprotectin Test Kit (Colloidal gold method)	20 TESTS/ BAG
Lactoferrin (LF) Test Kit (Colloidal Gold)	20 TESTS/ BAG

Technical Specification

Iodine Staining Function	Under Iodine staining mode, Analyzer can automatically add iodine staining solution to stain the sample, improve the detection rate of special Ova and Parasite.
Test Speed	10-60 samples/hour.
Test Channel	Dual channel, flow quartz counting chamber.
Report Unit	XX HP or XX /LP or quantitative gradient report, qualitative or semi-quantitative result for Colloidal gold test.
Report Format	A4 /A5 form With pictures and texts .Result Include physical index, microscopic items and colloidal gold item.
Microscope	High/Low power dual objective lens.
Camera	5 million pixels.
Microscopic Image	6 snapshot modes, up to 300 visions, vision result definable.
Shooting mode	Separate Surface and bottom layer, multi-layer scanning. Better Contrast.
Physics Detection	Automatically identify, shoot and store sample characters.
Results Interpretation	Automatically identified, negative sieving rate 80%.
Chemical Substances Detection	Automatically interpret FOB and TF in feces, FOB&TF combo test available.
Digestive tract protein test	Automatic Semi-quantitative detect and interpret for calprotectin (FC) and lactoferrin (LF).
Bacteriology Detection	Automatically interpretation of helicobacter pylori test results.
Virological Detection	Automatically detect and interpret intestinal adenovirus, rotavirus and coxsackievirus.
Sample Delivery	Sealed and rail-type delivery, 50 sample available in the waiting area.
Emergency Functions	Emergency space available, Detect in time.
Colloidal Gold Test Detection	Simultaneously detect more than 6 different item with different reaction time, Independent test channel and the reaction time, shortest reaction time 3 mins , longest more than 15 mins .
Storage capacity	5 card boxes, Maximum 200 test available.
Duplex communication	Built-in barcode reader, LIS, HIS connection available.
Consumables	Sample collection cup, colloidal gold card, sample diluent, cleaning solution, concentrated cleaning solution and quality controls.
Formed Element Detection	Leukocyte, erythrocyte, pyocyte, fungus, fat globules, macrophage, lucidium spore, starch granule, epithelial cell, charcot-leyden crystal, calcium oxalate crystal, blood, egg of clonorchis, egg of ascaris lumbricoides, egg of trichinella trichurus, egg of tapeworm, egg of hookworm, egg of enterobius vermicularis, strongyloides stercoralis, blastocystis hominis, egg of schistosoma japonicum. egg of fasciolopsis buski, trichomonas, egg of paragonimus westermani, amoeba, cryptosporidium, giardia lamblia.

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MISPA-F60

Fully Automatic Feces Analyzer And Related Products

- Fully Automated Operation
- Fully Enclosed Container, No Nasty Smell
- High Recognize Rate
- High Biological Security
- Automatic QC Detection

MISPA-F60

Fully Automatic Feces Analyzer And Related Products

Test Items

- Microscopic Exam: Visible Formed Elements in feces (cells, eggs, tat globules, etc.) can be detected and identified.
- Physical Test: Physical parameters like color, character, etc. can be evaluated by automatic image captured.
- FOB Detection: Automatic analysis of fecal occult blood and transferrin through colloidal gold method test parameters.
- Virological Test: Colloidal gold method test parameters, like rotavirus, adenovirus, coxsackie virus, etc. can be evaluated.
- Bacteriological Test: Colloidal gold method test parameters, like helicobacter pylori, etc. can be evaluated automatically.
- Various Combinations: Microscopy + FOB
- Microscopy + FOB +TF
- Microscopy+TF+HP
- Microscopy + Rotavirus
- Microscopy +Rotavirus+Adenovirus
- Microscopy +Rotavirus+Adenovirus+Cal protectin



Working Principle

- Physical Test: Automated photograph and save the sample characteristics diagram. The sample information transfer to host instrument with built-in barcode reader.
- Morphological Test: Automated photograph the formed elements through objective lens, sieve the negative samples and assist to interpret the positive samples.
- Digestive tract occult blood and Pathogens Detection: Automatically photograph and interpret on various cards of FOB, virology and bacteriology by the device vision.

Sample Collection Cup



Features

- Patented Rail-Type sampling method.
- Automated filtering negative samples, negative filter rate >80%.
- Patented sample collection cup uses double-chamber design with double-filtering, fully mixing and better filtering, specially designed for normal and watery specimen.
- Patented "bullet-cartridge" design and moisture-proof card collection device, maximum 200 tests available, without manual operation.
- High-precision quartz -based counting chamber and imported pinch valve, prevent pipeline blocking and cross contamination.
- FOB, TF, bacteriology, virology and other related cards combinable, up to 6 items can be detect in one sample.
- Specially design for exhaust gas treatment, improving clinical laboratory environment.
- Automated interpret colors and characters of the sample.
- Double microscopy screening; automated recognize and locate the formed elements by AI technology, reduce review workloads.
- Multi-layer and multi-photo scanning, same effect as microscopic fine turning.
- Duplex communication; automatically detect after barcode screening.
- Keyu Bio quality controls available, including Fecal formed element controls, multi-level FOB/TF controls.



Pathological Substance Model

