

Liquid Cytology System

Liquid cytology solutions

(Grand Vertex Trading)
www.gvt.co.kr

Liquid Base Cytology with Filtration and Precipitation Method

I-Path Series

I-Path I, II (L.B.C System)

I-Pass device is a liquid cell inspection device that uses specialized solutions to meet the specimen of each and double membrane filtration system that has been patented.

Filtration method and precipitation method is operated in a new way, which is integrated, you can create a high quality cell slides with specialized solutions suitable for inspection.



Product Features

Double membrane filtration	The cushion-shaped design with a double filtration system, evenly distributed on the slide and is very effective to remove the reading hole punching phenomenon.
Excellent reproducibility	You can get the time and intensity of filtration, cell transfer time and count the results that can be entered individually by highly reproducible consistency.
A variety of applications	in gynecological and non-gynecological specimens sputum, urine, CSF, FNA can be applied to a variety of samples, including using the remaining samples and possible subsequent inspection of the HPV test and Immunochemistry.

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Product Specifications

Voltage	frequency	Power Consumption	size	weight
220V	50 ~60Hz	37W	523(W) x314(D)X200(H)	14kg

Advantages of the liquid cell assay

Existing test methods	Liquid cytology methods
Dispose of collected cells are important to bury the bodies.	There is no loss of diagnostic cell samples preserved state / smear
Other cells, blood, mucus, etc. mixed difficult reading.	The cell smear diagnosis is possible only collected a single layer easily read.
The cells are unclear.	Clear cell
A variety of applications	in gynecological and non-gynecological
Subsequent inspection impossible.	vial remains a large amount of cells can be performed subsequent scan. (Re-visiting of the patients required)

Optimized 3G solution by liquid cytology specimens

I-Path Series

I-Path Solution (Five types)

I-Path solution needle (biopsy), sputum, blood, urine, gynecological each sample is optimized.

Thus, you can get good quality of the cells on a slide for examination by the characterization solutions.

I-Path path solutions Sechim (biopsy), sputum, body fluids, urine, each specimen gynecology has been optimized. This is characterized as, via solutions suitable for inspection



FNA : Fine Needle Biopsy

Sputum Oral Specimen : Oral sputum specimens

Urine : Piss

Body Fluid : Cerebrospinal fluid

GYN : Gynecological


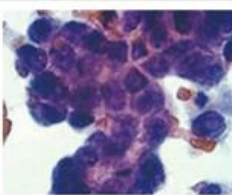

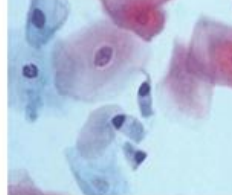

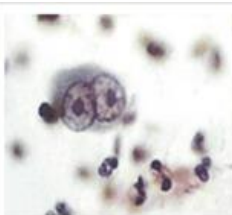

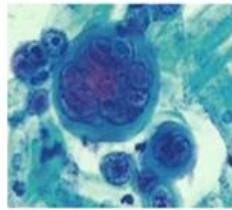

Liquid Base Cytology Filter Systems

I-Path Filter

I-path filter systems are designed and optimized for the I-path was a special pass, only seed bio-technology has been applied. Thus minimizing the loss of the cells through the filter, and characterized to obtain a good quality of the cell slide for examination.



Solution type

 <p>FNA 세침 생검</p>	<p>FNA : [Fine Needle Biopsy]</p> <p>Detectable disease : breast, thyroid, etc. Sampling : Fine Needle Aspiration Electronics Pros : clean the blood by removing cells can be plated.</p>	
 <p>Sputum Oral 객담 구강검체</p>	<p>Sputum Oral Specimen [Oral sputum specimens]</p> <p>Detectable disease : Lung cancer, tuberculosis, etc. Sampling : Sputum, bronchial washings Pros : Easy-to-use pre-treated with effective mucus removal</p>	
 <p>Body Fluid 체액 뇌척수액</p>	<p>Body Fluid [Cerebrospinal fluid]</p> <p>Detectable disease : Malignant tumor metastasis and recurrence, etc. Sampling : Cerebrospinal fluid, pleural fluid, peritoneal fluid, synovial fluid, etc. Pros : Excellent cell retention by preventing protein denaturation</p>	
 <p>Urine 소변</p>	<p>Urine[Piss]</p> <p>Detectable disease : Bladder cancer, kidney cancer, etc. Sampling : Natural urine, bladder washings Pros : Minimize cell degeneration</p>	
 <p>GYN 부인과</p>	<p>GYN [Gynecological]</p> <p>Detectable disease : Cervical cancer, etc. Sampling : Cervical washings, endometrial aspiration Pros : Superior cells plated onto</p>	