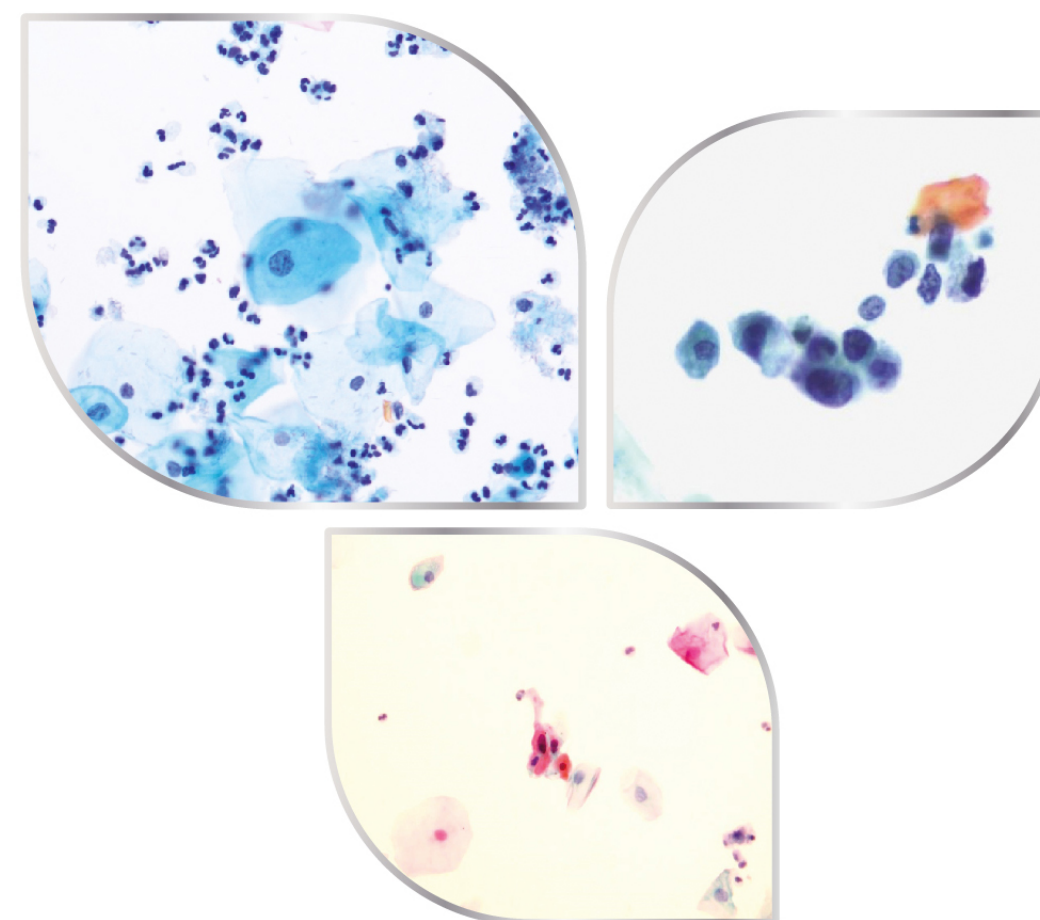




IC1500DUET™

Liquid Based Cytology System



본사
(06234) 서울특별시 강남구 논현로85길 58 백림B/D 6층
Head Office 6F, Baeklim Bldg 58, Nonhyeon-ro, 85-gil, Gangnam-gu, Seoul, Korea
Tel +82-2-6925-7406 Fax +82-2-6925-7407

공장
(18622) 경기도 화성시 향남읍 제약공단2길 34-26
factory 900-3, Sangshin-Ri, Hyangnam-Eup, Hwaseong-Si, Kyeonggi-Do, Korea
Tel +82-31-353-6999 Fax +82-31-353-6979



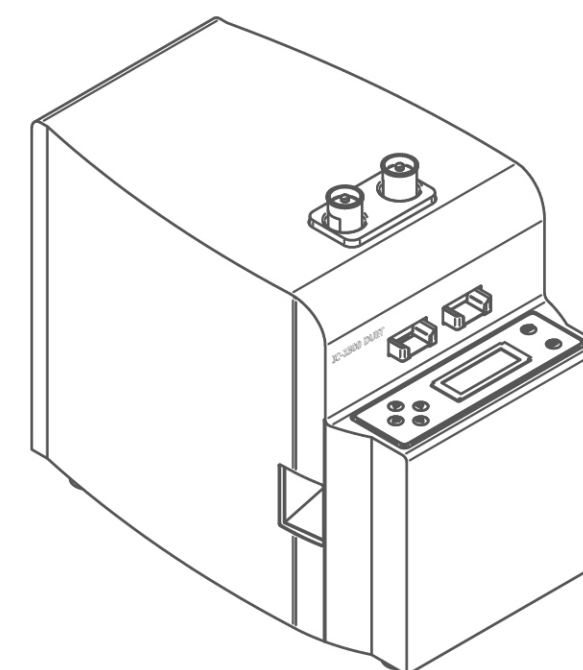


is a manufacturer of medical device, evacuated blood collection tube, based on the exclusive position of gamma irradiation service provider, and distributes molecular diagnostic product including instrument and reagent, bio-chemistry and immunology reagent as well as cytology instrument and reagent. Soyagreentec has been growing fast in each business field for a few years until now and approaching to the dream of "Technology for better life" by introducing many kinds of high quality medical products.

IC1500DUET™ slide sample processor is a medical device for detection of abnormal cells by examining the cells taken through filtering and smearing process of solution of the cell specimen obtained from uterus, sputum, urine and etc, in order to detect abnormality.

This product is a cell slide processor with special mechanism, using **filtration and precipitation methods** through patented dual membrane filters, with easy and convenient slide preparation, and excellent processing speed.

With our **IC1500DUET™** sample slide processor, test accuracy is completely improved compared to conventional method.



IC1500DUET™ Liquid Based Cytology System



Smearing



- Cell transferring density is adjustable by trained operator

Speed

- Double slide processing by single operation (dual socket)
- Easy processing extension by the tandem



=approx. 240 sliders/hour



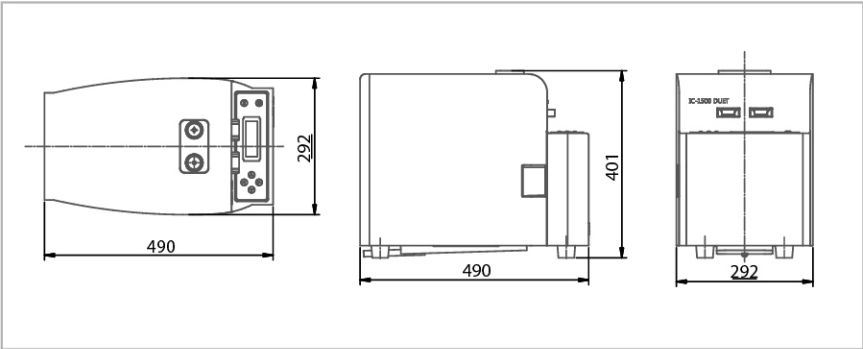
=approx. 480 sliders (x2)/hour

Simple

- Easy operation
- Operation parameters are adjustable by easy and quick steps

Space

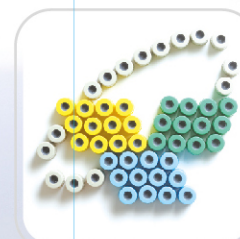
- Space advantage by compact size



Specification

Model	IC 1500 Duet	Power consumption	Up to 50 watts
Throughput	240 slides/hour	Fuse	Overcurrent protection devices(250V, 20A)
Dimension	300 X 490 X 400(h)mm	Operating Temperature	18 – 30℃
Weight	20kg	Operating Humidity	20%~80% RH non-condensing
Electrical Requirements	100 to 240 VAC		

IC1500DUET™ Liquid Based Cytology System



Optimized Solution for each application



GYN

Applications

Cervix brushing or washing
Endometrial suction

Collecting

Cervical cancer,
Uterine endometrial cancer



FNA

Applications

FNA

Collecting

Breast cancer,
Thyroid cancer



URINE

Applications

Voided urine
Bladder washing

Collecting

Bladder cancer,
Kidney cancer



SPUTUM

Applications

Sputum
Bronchial washing

Collecting

Lung cancer,
Tuberculosis, etc.



Body Fluid

Applications

Pleural effusion, Peritoneal fluid,
Pericardial fluid, Joint fluid
Cerebrospinal fluid

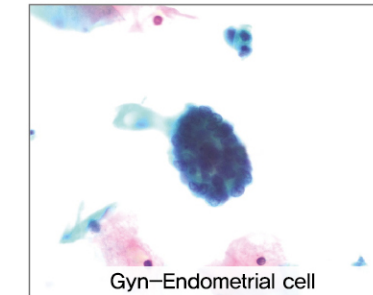
Collecting

Metastasis or Recurrence of
malignant tumor

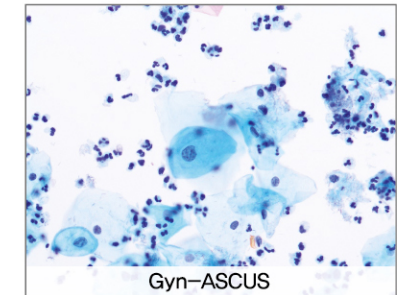
IC1500DUET™ Liquid Based Cytology System



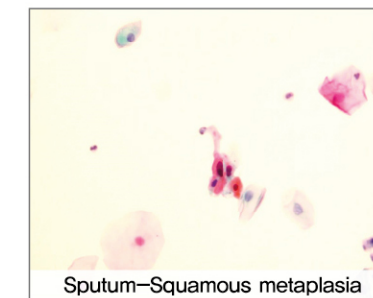
Optimized Solution for each application



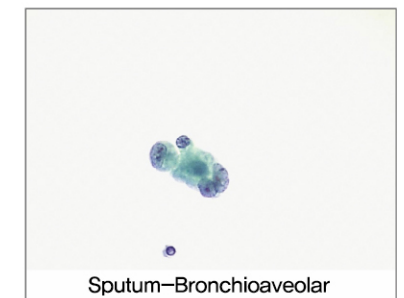
Gyn-Endometrial cell



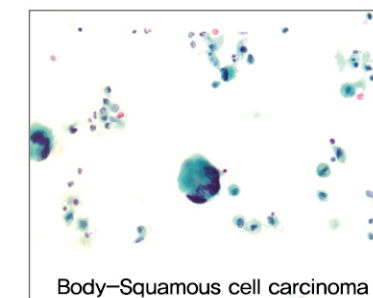
Gyn-ASCUS



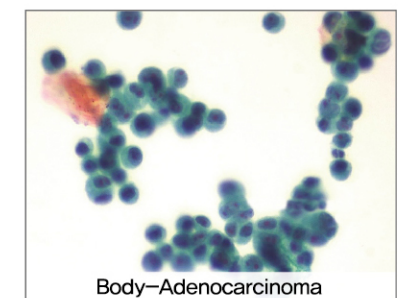
Sputum-Squamous metaplasia



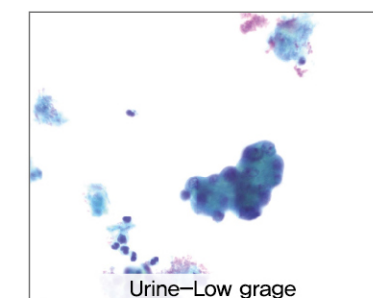
Sputum-Bronchioalveolar



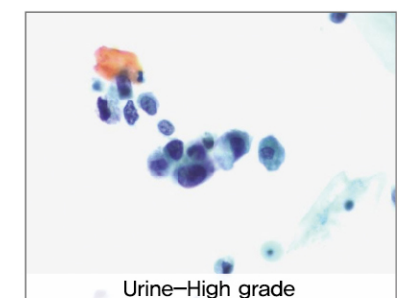
Body-Squamous cell carcinoma



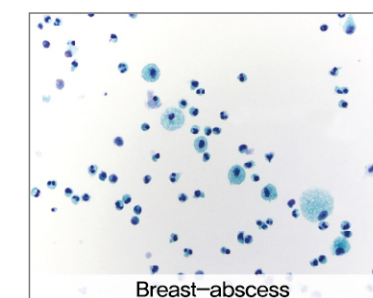
Body-Adenocarcinoma



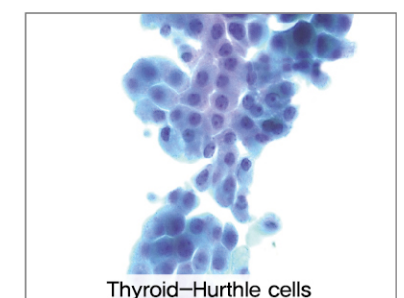
Urine-Low grade



Urine-High grade

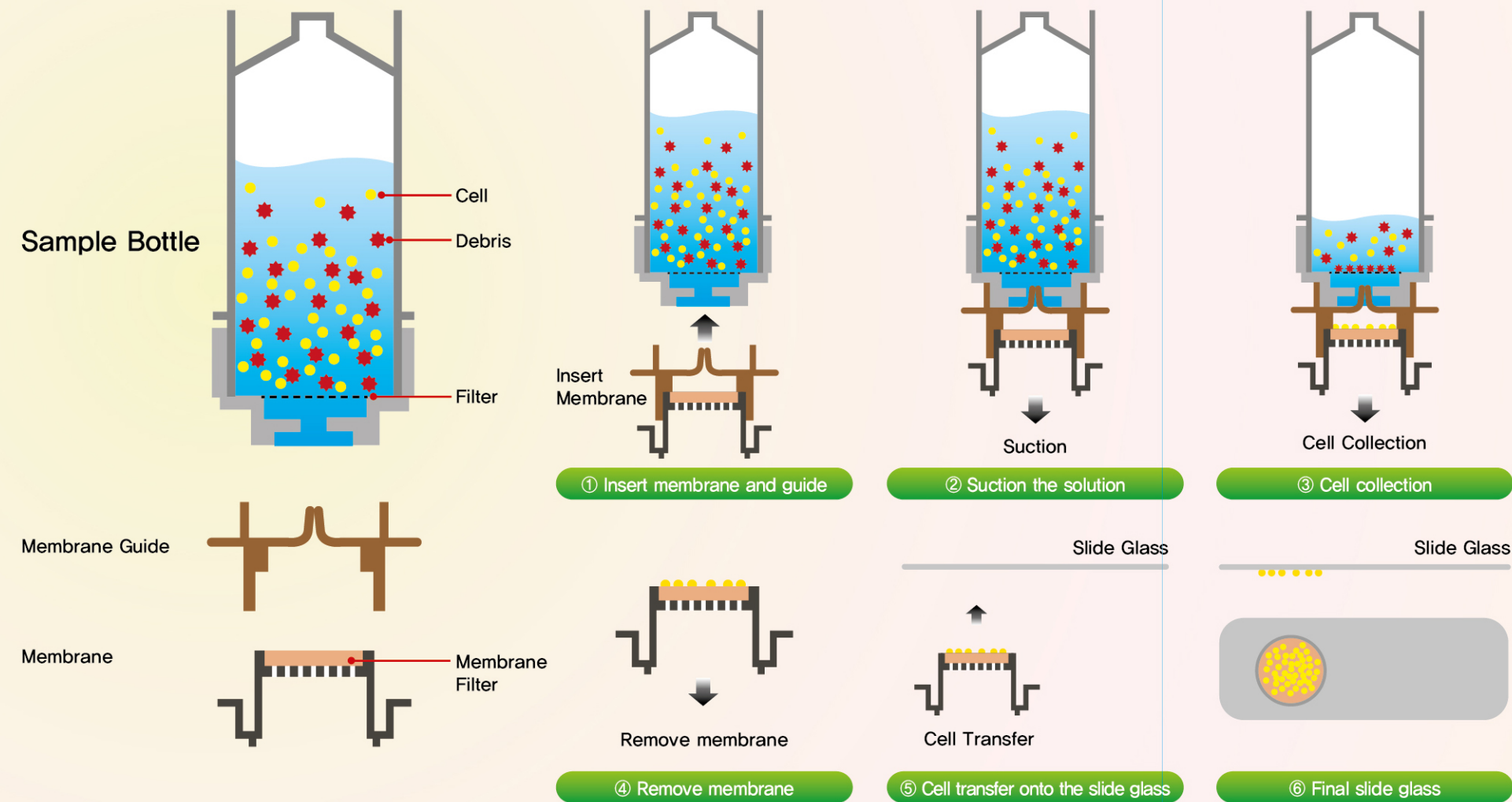


Breast-abscess



Thyroid-Hurthle cells

IC1500DUET™ Liquid Based Cytology System



- Unique design guarantees high quality results
- Prevent cell loss and cell morphology change
- Slides 15~17 mm circle for easy and fast microscoping
- Double filtering system allows free from debris
- Allow thin and even layered slide
- Maintain cell morphology from external stress



Advantages of IC1500DUET™

Excellent cell detection

- High sensitive & Reproducibility

Excellent morphological preservation

- Cellular Changes (rare)
- Extracellular Material (optimal)
- Architectural Integrity (preserved)
- Background Cells and Particles (optimal)

Economical Efficiency

- 2 slides are simultaneously smeared
- Double slide processing by single operation (dual socket)
- Easy processing extension by the tandem
- IC1500DUET™ 1EA = 240 slides / hour

