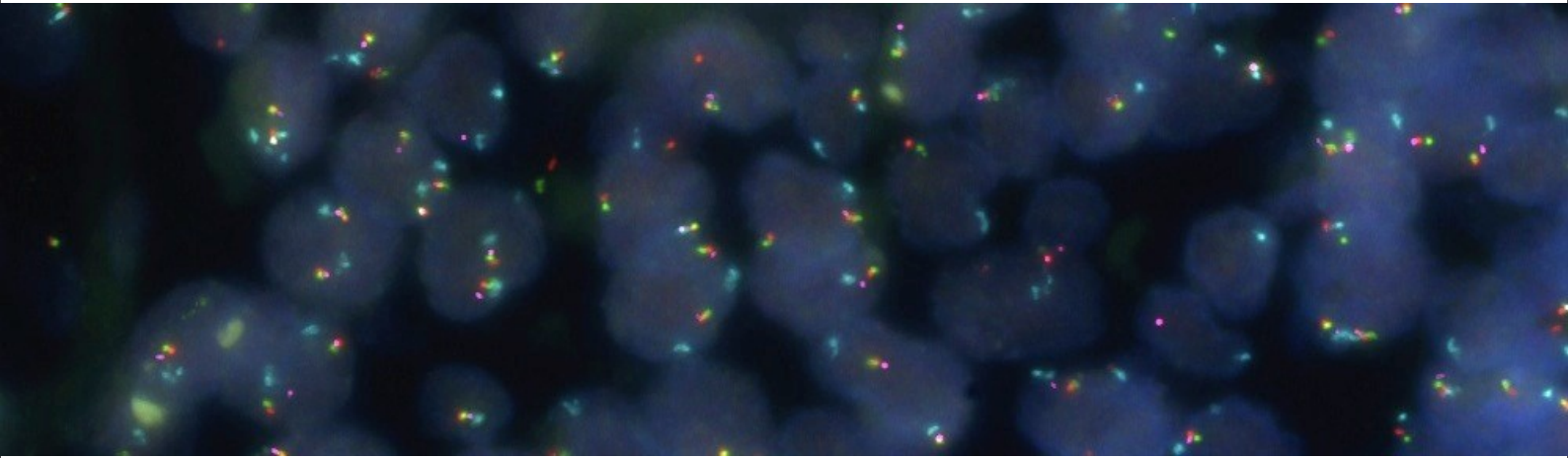
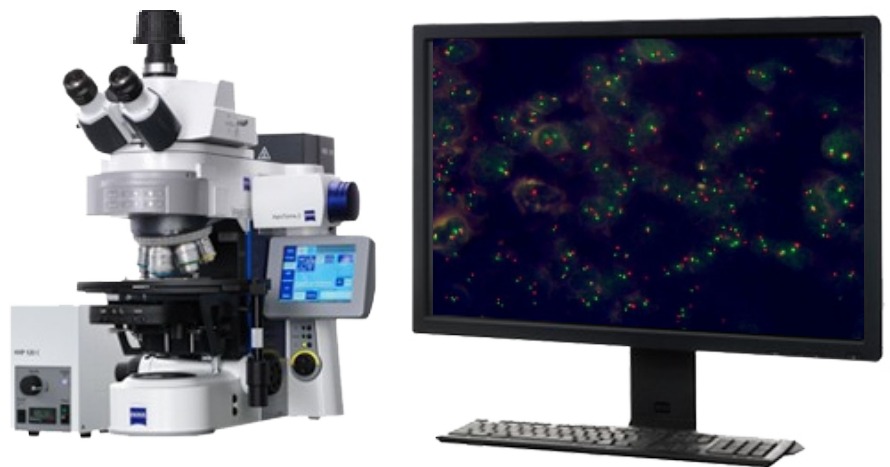


# [easyFISH]

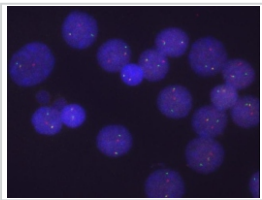
Automatic FISH Imaging and Analysis System



- \* Walk-away automated scanning
- \* Automated FISH analysis applications
  - \* Run with one-button fluorescence
  - \* Train the system with sample
  - \* Imaging and analysis system
  - \* Z-stacking auto focus for each area you specify
  - \* Supports all commercially available FISH probes
  - \* Automatic oil dispenser (optional)
  - \* Take your pictures, Gather analyzes, keep your time



Cytogenetics | Oncology | Pathology | Hematology | Biology



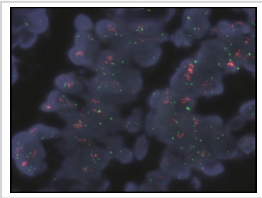
inversiyon

### easy FISH Analysis Module

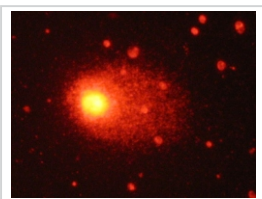
- Distance and area measurement between signal lines
- Case database creation, Archiving and Patient filtering
- Focusing for one or more FISH channels during analysis (Micro Focus)
- Adjust / edit function such as contrast, darkening of all colors, a kernel or a signal based on signal
- FISH imaging Z-stack application
- Ability to capture images in different focuses and presets from FL filters by specifying target lesions and under one-key patient name
- Ability to be sent images into the patient database as many times as desired without closing the live image interface

12 bit 2/3 inch SONY Medical CCD sensor with progressive scan high color and light sensitivity camera

Break-Apart, Enumerati Translocation, Automatic Spot Scanning and Automatic Signal Scaling and statistical calculation for Fusion arrays with probe-specific analyzes such as Her-2 ALK BCR / ABL.



her - 2

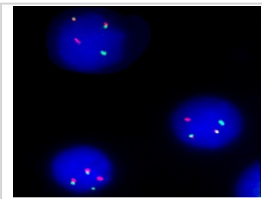


comet

### easy FISH Comet Analysis Module

With user friendly software interface, we can easily make comet measurements with one button on one or more images, and we can archive statistical data of measurement results.

- |                             |                             |  |
|-----------------------------|-----------------------------|--|
| * Comet Field               | * Tail Density              | * Head Density   |
| * Comet Length              | * Tail Average Density      | * Head Average Density   |
| * Comet Height              | * Tail DNA                  | * Head% DNA  |
| * Comet Density             | * Tail Moment Away          | * Should be able to automatically take measurements such as L / H Rate |
| * Comet Orientation Density | * Olive Tail Moment         | * Halo Assay Measurement   |
| * Tail Length               | * Extent Queue Moment       | * Statistical graphical calculation                                    |
| * Tail Area                 | * Head Diameter * Headspace |  |



9 - 22

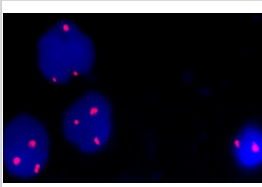
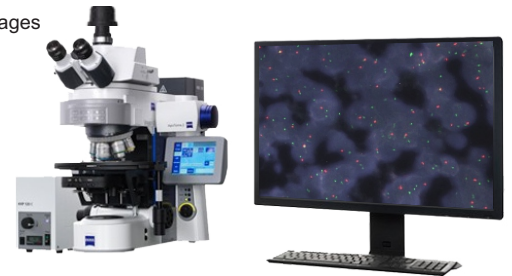
### Automatic Spot Scanning and Automatic Signal Scoring

Automatic spot count analysis in interphase cells on single or multiple images depending on the assay introduced in the system.

During the analysis, you can make adjustments for each interface cell as needed and instantly change the scoring on the device's analysis.

Automatic statistical information calculation at the end of scoring.

Automatic Spot Scanning and Automatic Signal Scaling and Statistic calculation for break-apart, enumeration, translocation, fusion sequences with probe-specific analyzes such as **Her-2 ALK BCR / ABL**



tri - 8

■ DAPI ■ FITC ■ Texas RED ■ Aqua ■ Orange ■ Gold ■ Blue

### Fish Imaging

- The probe sets and filters that are continuously used with the FISH Module can be imported into the software memory and desired number of fluorescent probe photographs
- Convert colored to gray to examine DAPI taping detail
- Weak signal histogram and finalization settings.
- Manual spot counting with FISH module, scoring on each interface cell
- Ability to select multiple Active Information Areas (ROIs) on FL images
- Software ROI internal or external signal noise cleaning
- Magnifier eraser function for user convenience for unwanted noises
- Signal clearing that falls below a dynamically determined threshold
- All the processed operations can be viewed individually on each channel or all of them are displayed together
- Continuous protection of the original image and return to this image with a single keystroke

