

Urine Sediment Analyzer

AUTION EYE

AI-4510



Your reliable partner in urinary sediment analysis

User-friendly

Optional touch-screen can be used.

Versatile functions

Provides various information to support urinary sediment analysis

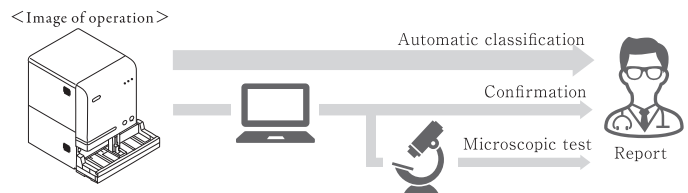
Compact size

Achieved the smallest footprint in our history

Saves your time by automating urinary sediment analysis

Particles captured by AUTION EYE are classified automatically based on a unique algorithm. Users can also review and classify the images captured by AUTION EYE as necessary.

By automating formed element analysis with these functions, users will be able to concentrate on those urinary sediment samples that truly require microscope verification.



Versatile functions readily available in the operational screen enabling intuitive operation

The screen for reviewing measurement results has easy-to-see configuration and is designed to enable intuitive operation. Moreover, there are multiple support functions for the identification of particles captured by AUTION EYE.

For easier identification of particle images

AUTION EYE captures images with color and this function enables to check the difference of colors for each urinary formed element. Also, there is a summary screen that shows multiple particles within a single screen, enabling to grasp the occurrence frequency of specific particles intuitively.

Example of particle images

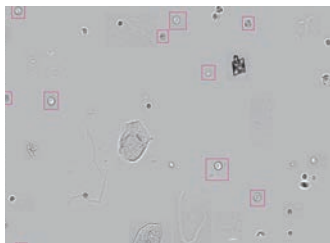
Non-epithelial cell type



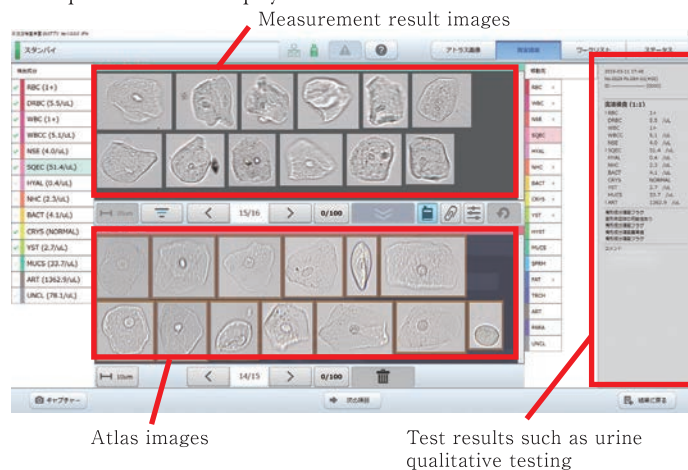
Epithelial cell type



Summary screen (partial)



Example of the screen display



Useful Library (Atlas image*) as a standard function.

Our Atlas image collection with standard particle images is installed, which can be displayed on the same screen. Moreover, user's original images can be added for standardization of particle analysis and usage as educational tool within the facility.

*Sample images of various particles captured by AUTION EYE

Compact footprint realized by simple transfer system

Direct connection with urine qualitative analyzer is possible, which becomes the transfer system with the smallest footprint in our profile.



Results of urine qualitative testing displayed together

The results of urine qualitative testing can be displayed on the operational screen together with the test results of AUTION EYE. This function enables cross-checking the results of AUTION EYE by referring to urine qualitative test results.

Specifications

Measurement objects	Urine
Measurement items	Automatically classified items: Red blood cells (RBC), white blood cells (WBC), white blood cell clumps (WBCC), squamous epithelial cells (SQEC), non-squamous epithelial cells (NSE), hyaline casts (HYAL), unclassified casts (NHC), bacteria (BACT), crystal (CRYS), yeast (YST), mucous (MUCS) and sperm (SPRM)
Required sample volume	Minimum 2 mL
Measurement principle	Flow cell digital imaging
Dimensions	530 (W) × 600 (D) × 650 (H) mm (including the sampler)
Weight	60kg (including the sampler)

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*Design and specifications may be changed without prior notice.

B190703-01B