



Urine Sediment Analyzer

AUTION EYE

AI-4510



Your reliable partner in urine sediment analysis

User-friendly

Optional touch-screen can be used

Various functions

Provides various information to support urine sediment analysis

Compact size

Achieved the smallest footprint in our history

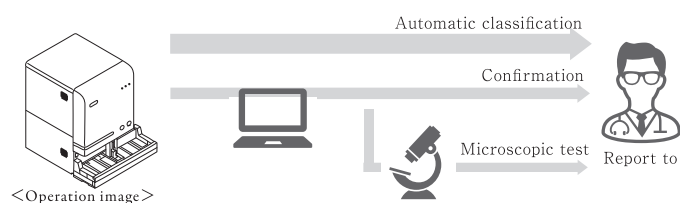
Scan QR Code to view the video



Saves your time by automating urine 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 urine sediment samples that truly require microscopic examination.



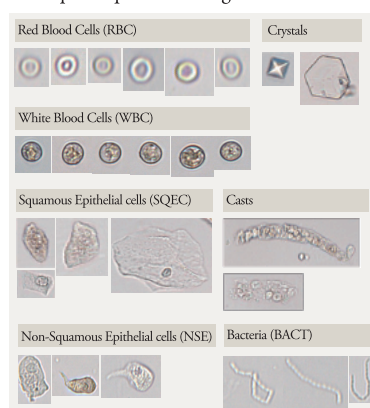
Various functions readily available on the operation screen enabling intuitive operations

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

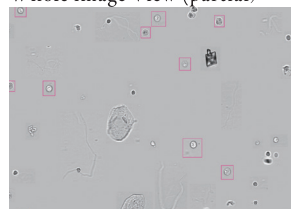
For easier identification of particle images

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

Example of particle images



Whole image View (partial)



Compact footprint realized by simple transfer system

Direct connection with a urine qualitative analyzer is possible. This makes it the transfer system with the smallest footprint in our profile.



Urine qualitative test results can be displayed together

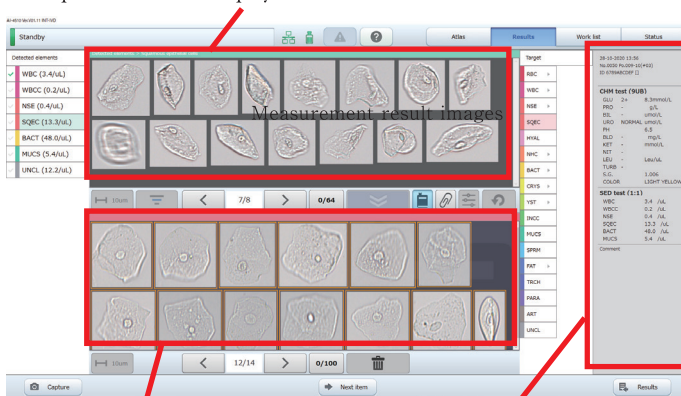
The urine qualitative test results can be displayed on the operational screen together with the test results of AUTION EYE. This function enables the results of AUTION EYE to be cross-checked by referring to the urine qualitative test results.

Useful Library (Atlas images*) as a standard function

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

*Sample images of various particles captured by AUTION EYE

Example of the screen display



Atlas images

Test results including urine qualitative tests

Specifications

Measurement objects	Urine
Measurement items	Automatic classification items: 12 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), mucus (MUCS) and sperm (SPRM) Manual classification items: Red blood cells (2), Crystal (10), Casts (6), Yeast (1), Epithelial cells (2), Fat (2) Other categories (5)
Required sample volume	Minimum 2 mL
Measurement principle	Flow cell digital imaging
Dimensions	530 (W) × 600 (D) × 650 (H) mm (incl. sampler) 530 (W) × 200 (D) × 135 (H) mm (sampler only)
Weight	Approximately 57 kg (incl. sampler)

Legal manufacturer

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*Designs and specifications may be changed without prior notice.

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