arkray

Full automation through consolidation

Automated Urine Sediment Analyzer

AUTION EYE

AI-4510

Fully Automated Urine Analyzer

AUTION MAX

AX-4060

arkray, inc.

Checking the status window

Each feeder can contain up to 200 test strips

Cleaning the test strip tray

Connection of the AUTION MAX and AUTION EYE

Automated Urine Sediment Analyzer

AUTION EYE
AI-4510

Automatic Dilution Function
Atlas Image Collection
microscopic imageutomatic

650mm
600mm
1,065mm

Fully Automated Urine Analyzer

Compact Footprint
Understanding the value shift
Gating FunctionDilution Function

AUTION MAX
AX-4060

Fewer Manual Steps

Automatic Dilution Function

Autodilution of highly concentrated samples
Reduces the need forfurther testing

Ease of implementation

Compact Footprint

AUTION EYE can be connected to
the AUTION MAX series (Smart work cell)

Unique Training Tool

Atlas Image Collection

12-category library
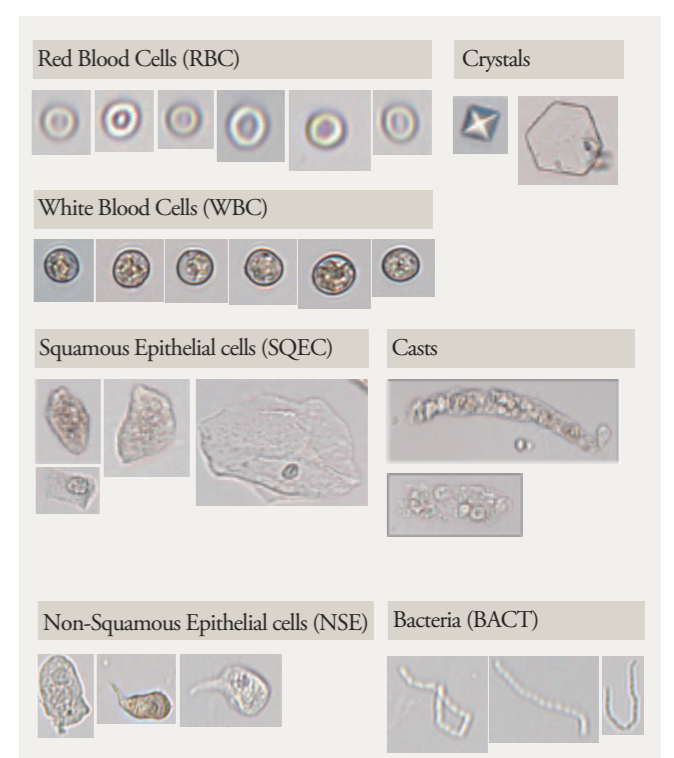New, interesting images can be added to the collection

High Quality Results

Understanding the value shift

Compare chemistry test results with sediment
analysis (Cross-Check Function)
Improves reliability of results

Sensory identification

Onscreen image is presented as a (synthetic)microscopic image

Colour images assist in particle identification
Summary screen allows rapid assessment of
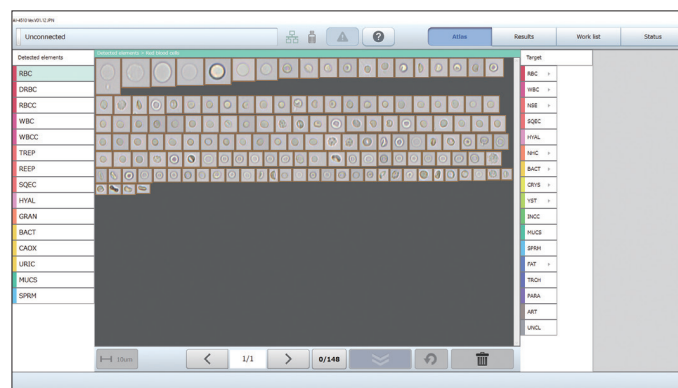particle frequency and size

Reduces need for further testing

Gating Function

Urinalysis results of AX will determine if further
sediment analysis is necessary
User can define testing rules

Red Blood Cells (RBC)

Crystals

White Blood Cells (WBC)

Squamous Epithelial cells (SQEC)

Casts

Non-Squamous Epithelial cells (NSE)

Bacteria (BACT)

Example of particle images

Atlas Image Collection (reference figures)

Atlas includes preinstalled images. Users can add their own images from measurement results.

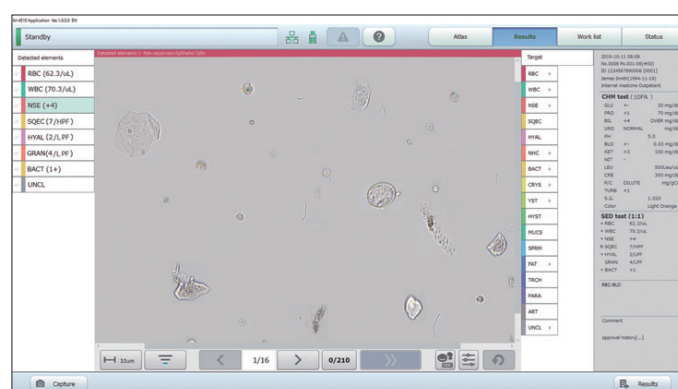Atlas is a useful reference for help with manual classification.

Summary Screen

Formed element images are displayed as a (synthetic) microscopic image.

The formed element selected in the list is highlighted.

Click on the mouse wheel for image selection.

Related products

New reagent

Uriflet S 11UA

Uriflet S 11UA strips can help with the screening and diagnosis of diabetic nephropathy and CKD (chronic kidney disease).

Asymptomatic early stage renal disease can be identified accurately by simultaneous microalbumin/creatinine measurement, allowing for greatly improved prognosis.

Test strip	Measurement items										Calculated items	
	GLU	PRO	BIL	URO	pH	BLD	KET	NIT	LEU	CRE	ALB	P/C	A/C
11UA	●	●	●	●	●	●	●	●	●	●	●	●	●

Semi-automatic Urine Analyzer

Aution|Daten

AE-4070

Compact design:
206(W)×365(D)×180(H)mm/5.0 kg
High throughput:
514 tests/hour (7 seconds/test)
Auto-start function:
Measurement starts automatically when a test strip is set onto the tray.
A touchscreen allows for easy and intuitive operation The successor of Aution Eleven.
This can be backup for AX-4060.

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