

Automated Urine Cell Analyzer

**USCANNER** premio™

# AUTOMATION like Urine Microscopy Test

Effective urinalysis test process and Ideal operation



## ■ Easy operation

Only set racks with urine sample, and push "START".  
Making slide, Staining, Capture images with background,  
Classification, and Counting are fully automated.  
Possible to prevent human error like sampling mistake.

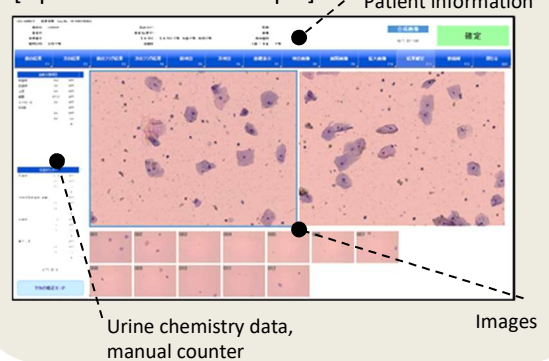
## ■ Effective multiple check function

Multiple check function among numerical result data,  
images, patient information, and/or urine chemistry  
result data.  
Possible to confirm urinalysis overall result on one screen.

## ■ System extensibility (Optional)

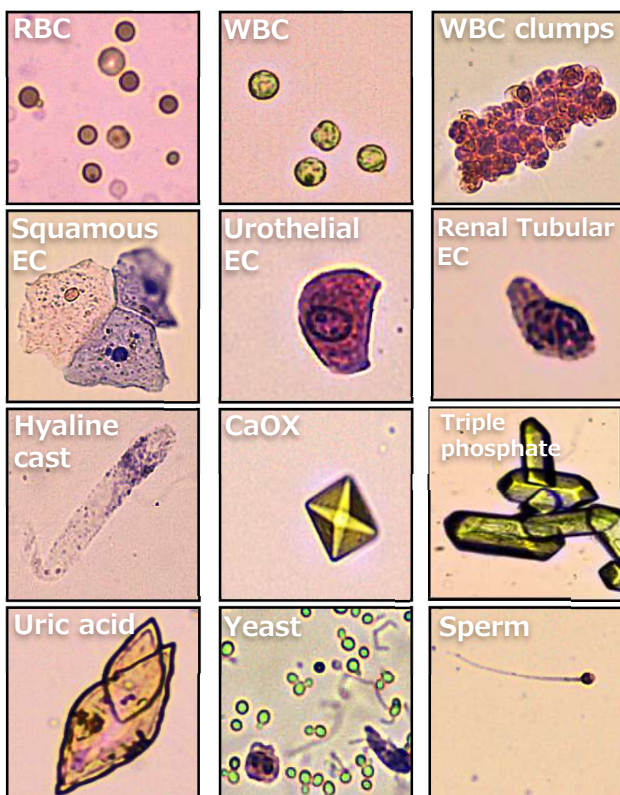
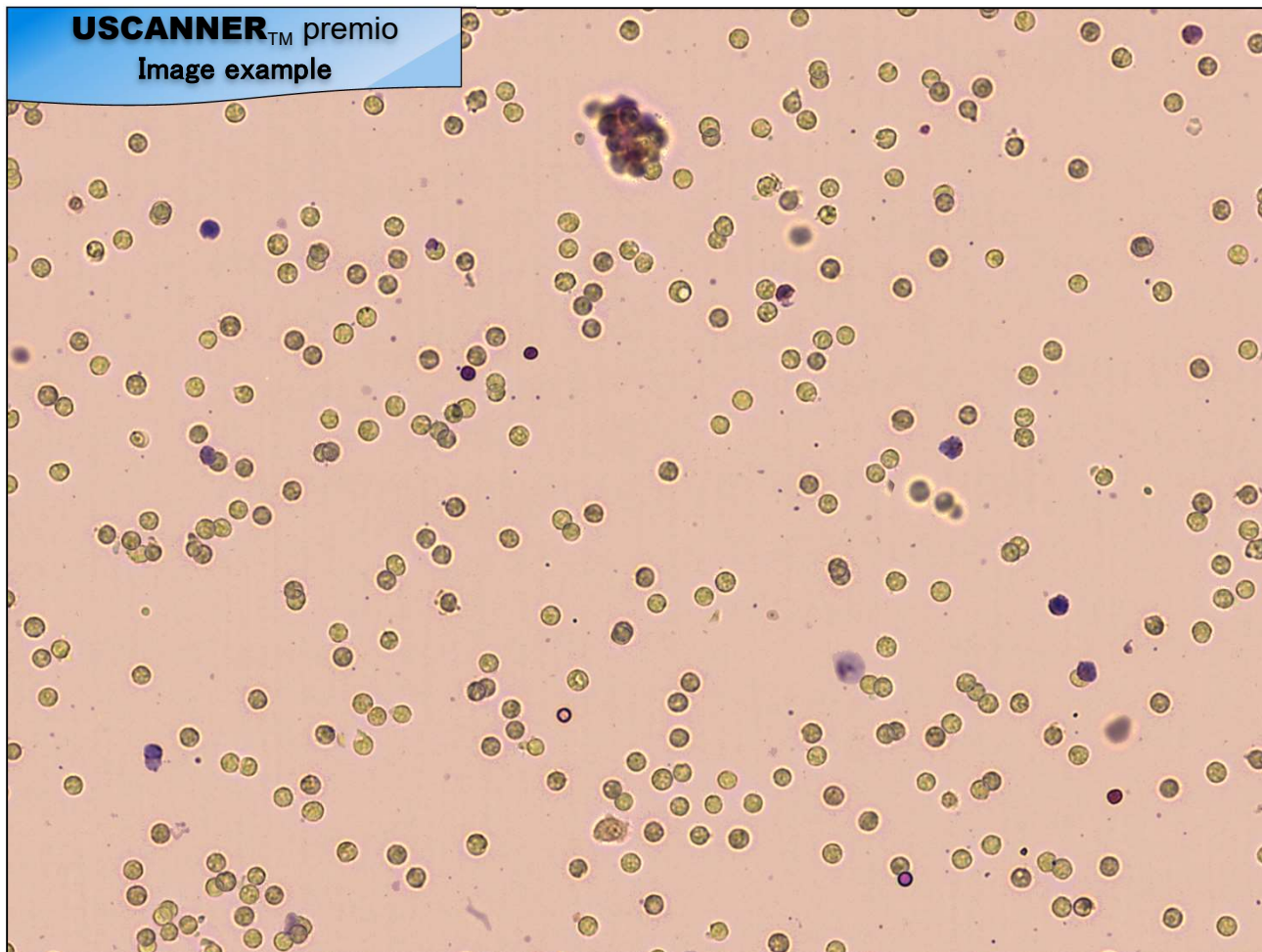
Multiple operators can use simultaneously.  
Possible to connect additional computer device for image review,  
in the case that each operator would like to confirm each sample.

[Operation screen example]



Specifications	Contents
Automatic classification	RBC, WBC, Epithelial Cell, Cast, Bacteria, Crystal, Yeast, Sperm
Automatic sub classification	Epithelial cell (Renal tubular, Urothelial, Squamous), Cast (Hyaline, Granular, Waxy), RBC morphology
Analysis principles	Particle count and classification by image analysis (Making and capturing slide used by "T-PLATE")
Throughput	Max. 101 tests / hour
Stored data	Approx. 52,000 specimens (with image data)
Essential sample volume	(Default) Specimen: 112.5μL (Essential >1mL for sampling), Stainer: 37.5μL
Options	Rack transfer unit, Printer, barcode reader, Additional computer device for image review, Network HDD, etc.
Dimension	W600x D610 x H600 (mm), Weight: approx. 60kg (Included Rack transfer unit)
OS	Windows 10 IoT (64bit)
Power consumption	600VA (AC100-240V±10%), 50/60Hz
Consumables	Slide for USCANNER, Stainer for USCANNER and Washing solution 10X for USCANNER

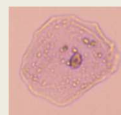
**USCANNER™ premio**  
Image example



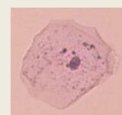
### ■ Capturing by automatic focus

Capturing by NEW high resolution digital camera.  
Output images with background like microscopy.

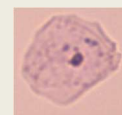
[Captured image]



NG



OK



NG

### ■ Operation flow chart

