

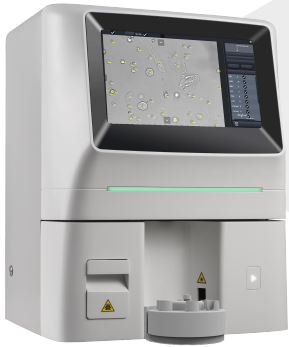
# UriScope50

Automated Urine Sediment Analyzer



# 01.

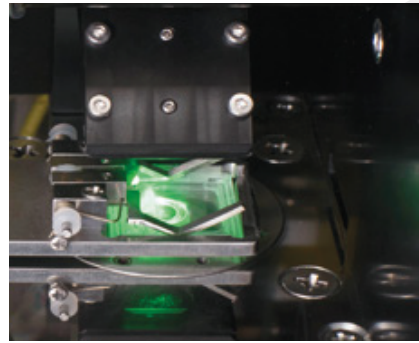
## Speedy & Small



- Small footprint: 457x414x608mm (LxDxH)
- Throughput: up to 50 samples/hour
- Only 2mL sample is required

# 02.

## Technology Standard



- Big high-resolution touch screen makes operation extremely easy
- Whole view field images, similar to HPF images to routine manual microscopy
- One click and you get an expert's answer immediately online for questionable results

# 03.

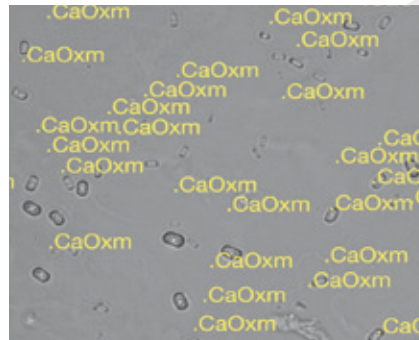
## Simple to Operate



- Sample preparation fully automated
- One key start and fully automated measuring process
- Cuvettes are the only consumables needed
- No need of additional reagents
- Each test is processed in one cuvette means no carry over

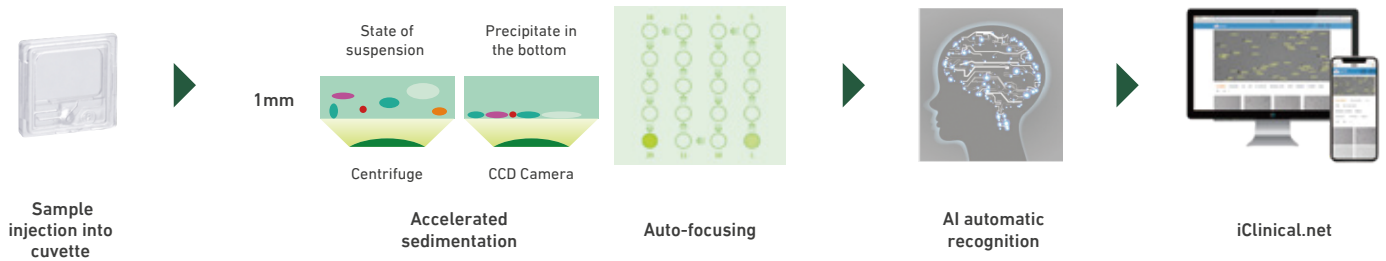
# 04.

## Smart System



- Latest AI technology processes sample identification, counting and classification automatically
- The computer automatically selects the highest quality image using autofocus
- Remote customer service and cloud platform via "www.iClinical.net"

## Measurement Process



The urine sample is injected into the cuvette by the aspiration needle from the test tube. The centrifugation process is performed at an acceleration level of 260G, creating a monolayer of particles at the bottom of the cuvette, to drive all the particles to the same level. Digital optical is used to record high resolution images of 20-10 positions, which are evaluated for various formed elements of the urinary sediment automatically by AI technology. With one-click, sample images with uncertainty can be uploaded to “iClinical.net” and get the experts answer immediately online.

## iClinical — cloud service

In addition, to meet Traditional Medical Examination Standards, UriScope50’s intelligent instruments are accessible to be connected to its own cloud platform -- “iClinical.net”. It is a professional and technical service platform that provides medical practitioners with online training, online help, online sharing and personal knowledge management, as well as access to historical data analysis and research.



## Technical specifications

Technology	Whole view field microscopic high-definition images Centrifugal accelerated sedimentationAI (Artificial Intelligence) identification
Detected partical classes	max 25,000 results (including all images)
Memory Min. sample volume	≥11 items: RBC; WBC; HYA; PAT; EPI; NEC; BAC; YEA; CRY; CaOxm; CaOxd; MUC
Throughput	max 25,000 results (including all images)2.0mL
Batch size	50 samples/hour
Cuvette container	single sample tube
Size	50 pcs
Weight	13.3' LCD with touch screen
Power	457x414x608mm(LxDxH)
	30kg
	240-110 VAC, 60/50 Hz, 200 VA

## Who we are

High-tech company developing and manufacturing integrated medical solutions and smart healthcare systems.

16 years of experience focusing on urinalysis product development.

Professional R&D team develops cutting-edge technologies including AI (Artificial Intelligence) and mobile internet.