

# URINOVA 3764



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

**Analytical Technologies Limited**

An ISO 9001 Certified Company

[www.analyticalgroup.net](http://www.analyticalgroup.net)

## ►► Specifications :

- Auto-detected Urine Formed Elements: Normal red blood cells (NRBC), Abnormal red blood cells (ARBC), White blood cells (WBC), Casts (CAST), Epithelial cells( EPI), Yeast (YST), Crystals (CRYS), Mucus (MUC) and Bacteria (BAC).

Further sub-classification is available with manual on-screen verification!

- Throughput : 40~80 tests / hour (764A), 50~100 tests / hour (764C), 60~120 tests / hour (764B)
- Sample preparation : Native sample
- Min. sample volumet : 2.0 ml
- Magnification : Standard 10X & 40X images
- Memory : Min. 500,000 results (including all images captured)
- Sample level detection : Yes
- Detection rate:  $\geq 98\%$  for sample at concentration of 5 cells/ $\mu\text{l}$
- Accuracy :  $\geq 95\%$
- Repeatability :  $\text{CV} \geq 7\%$
- Carryover : At concentration of  $\leq 5000$  cells/ $\mu\text{l}$   $\leq 1$  cell/ $\mu\text{l}$ ;  
At concentration of 5000~10000 cells/ $\mu\text{l}$   $\leq 2$  cells/ $\mu\text{l}$
- Verification : Full-view field images + segmented images
- Report : comprehensive results with images and diagrams
- Max. Sample loading number : 6 racks of 10 tubes
- Built-in Computer : Yes
- Built-in Barcode reader : Yes
- Printer : Laser, external or optional
- Interfaces : USB, RS232, LAN
- Dimensions (main unit) : 680mm x 650mm x 545mm (L x D x H)
- Weight (main unit) : 59kg
- Power (main unit) : 100-240V~50/60Hz, 200VA



## ►► Consumables :

Reagent Kit		
Product Model	Pack size	Art-No.
Cleanser I	500ml concentrate for 5000ml	13001
Cleanser II	40ml concentrate for 400ml	14008
Buffer	40ml concentrate for 400ml	12004

Quality Controls		
Product Model	Pack size	Art-No.
High	28*10ml	21037
Medium	28*10ml	21020
Low	28*10ml	21013
Sensitivity	28*10ml	20009
Mixed pack	28*10ml (7*H,7*M,7*L,7*S)	21006

## ►► Detected Parameters :

- Auto-detected urine formed elements : RBC, WBC, Epithelial Cells, Crystal, Casts, Mucus, Yeast, Bacteria, etc. Further sub-classification is available with manual on-screen verification.
- RBC Morphological Analysis : automatic analysis and generated with diagrams and images.
- Chemistry Measurements : Combinable with automatic urine analyzer or external chemistry results receivable.
- Physical Measurements : Physical parameters (color, turbidity, specific gravity and conductivity) are reportable.
- Extensional Measurement : Pleuroperitoneal fluid, cerebrospinal fluid, gastric fluid, etc are measurable.

## ►► Advantages :

- Made strictly according to ISLH Recommended Reference Procedure for the Enumeration of Particles in Urine.
- Native urine sample at cut-off concentration level of 3-5cell/ $\mu$ l detectable.
- Automatic sampling system with liquid level detection.
- Automatic recognition, classification and quantitation of urine formed elements.
- Precise erythrocytes morphological analysis helps to determine the source of hematuria.
- Real whole view-field microscopic images of urine formed elements are presented.
- Automatic notice of on-screen verification and no further microscopic review needed.
- Characteristic parameters of urine formed elements are available for further clinical research.
- Standardized and confirmatory analysis report with both images and diagrams available.
- Unique morphological quality control available.
- Unidirectional or bidirectional interface with LIS/HIS.
- Software and language upgrades by USB stick.



Product Model	Features	Art-No.
UriNova 3764A	With one-channel counting chamber	76419
UriNova 3764B	With three-channel counting chamber	76426
UriNova 3764C	With two-channel counting chamber	76433

▶▶ **Regulatory compliances**



▶▶ **Corporate Social Responsibility**

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# Analytical Foundation

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2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

▶▶ **Reach us @**



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