

# 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/ $\mu$ l
- Accuracy :  $\geq 95\%$
- Repeatability :  $CV \geq 7\%$
- Carryover : At concentration of  $\leq 5000$  cells/ $\mu$ l  $\leq 1$  cell/ $\mu$ l;  
At concentration of 5000~10000 cells/ $\mu$ l  $\leq 2$  cells/ $\mu$ 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**

Analytical Foundation is a Nonprofit Organization (NGO) found for the purpose of:



# Analytical Foundation

1. Research & Innovation Scientist's awards / QC Professional Award: Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at [info@analyticalfoundation.org](mailto:info@analyticalfoundation.org)

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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