



## Urine Formed Elements Analyzer

AVE-762 A/C/D CE

AVE-764 A/B/C CE



### Technical Features

- Made strictly according to ISLH Recommended Reference Procedure for the Enumeration of Particles in Urine
- Un-Centrifuged urine samples at cutoff concentration level of 3-5 cell/ml are detectable.
- Flexible semi-auto sample loading system (AVE-762 A/C/D)
- Automatic sampling system with liquid level detection (AVE-764 A/B/C)
- 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 verification and on-screen verification, no additional 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
- Self-learning ability continuously improves the recognition accuracy.
- Unique morphological quality control available
- Unidirectional or bidirectional interface with LIS/HIS
- Software and language upgrade by USB stick
- Combinable with automatic urine analyzers, customized for medium or large-sized laboratories

Product Model  
AVE-764A/762A  
AVE-764B/762D  
AVE-764C/762C

Features  
with one-channel counting chamber  
with three-channel counting chamber  
with two-channel counting chamber

Mkt. by:



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## Technical Parameters

Measurement technology	Automated Morphological Microscopy
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
Magnification:	Standard 10 X & 40X images
Memory:	Min. 200,000 results (including all captured images)
Min. sample volume:	2.0 ml
Sample level detection:	Yes (AVE 764A/B/C)
Max. sample loading number:	6 racks of 10 tubes (AVE 764A/B/C)
Throughput:	Up to 80 tests / hour (764A), up to 100 test / hour (764C), up to 120 test / hour (764B) Up to 40 tests / hour (762A), up to 60 tests / hour (762C), up to 80 test / hour (762D)
Built-in computer:	Yes
Built-in barcode reader:	Yes (AVE 764A/B/C)
External barcode reader:	Yes (AVE 762A/C/D)
Printer:	Laser, external, optional
Interfaces:	USB, RS232, LAN
Dimensions (main unit):	764A/B/C 680 x 650 x 545 mm (L x D x H) 762A/C/D 560 x 515 x 475 mm (L x D x H)
Weight (main unit):	764A/B/C 59 kg 762A/C/D 48.5 kg
Power (main unit):	100-240V~50/60Hz, 450VA

## Consumables for Urine Formed Elements Analyzer

### Reagent Pack : €€

Shelf life : 12 months

Consumable	Pack Size	Art-No.
Cleanser A	500ml concentrate for 5L	10048
Cleanser B	40ml concentrate for 400ml	10055
Maintenance Cleanser	40 ml concentrate for 400ml	10062
Reagent Pack	cleanser A: 1x500ml, cleanser B: 1x40ml, maintenance cleanser: 1x40ml	10093



### Quality Controls : €€

Shelf life : 6 months

Consumable	Pack Size	Art-No.
High Conc.	28x10ml	21037
Medium Conc.	28x10ml	21020
Low Conc.	28x10ml	21013
Sensitivity	28x10ml	20009
Mixed Pack	28x10ml (7xH, 7xM, 7xL, 7xS)	21006



### Cleanser: €€

Shelf life : 12 months

Consumable	Pack Size	Art-No.
Cleanser 75's	500ml concentrate	10079

