

U500 Urine Analyzer



Accurate and Efficient

- Up to 500 tests/hour for medium/large volume sample testing
- Large color touch screen LCD offers simple menu navigation
- Ability to input urine color and clarity for better reference
- Professional accuracy equivalent to market leaders

Easy to Operate

- Strip selection of up to 15 combinations available now with capacity for unlimited combinations
- Automatic strip detection and alignment for better efficiency
- Test categories include Routine, STAT, and QC
- Uniquely designed strip platform/waste tray unit for easy one-step cleaning

Convenient

- Can read strips with up to 14 parameters, including Microalbumin/Creatinine/Calcium
- Unlimited language capability with up to 8 language options currently available
- Automatic calibration and waste disposal reduce hands-on time
- Capable of printing results on sticker paper for quick and easy record management

Data Management

- USB Port and RS232C Port for easy data transfer to a computer and LIS, while RS232C Port also available for quick software upgrade
- Easily search memory by test number, positive results, patient ID, date, STAT results, and QC results
- Stores up to 2,000 records and flags abnormal results automatically
- Records Operator/Patient ID by Manual Entry or Barcode Reader

Unique Lockout Functions

- Strip Lockout
- Pre-set option to prevent using strips of another brand by customized canister code entered with a Barcode Reader or by Manual Entry
- User Lockout
- Option to eliminate unapproved users with up to 10 operators
- QC Lockout
- Option to prevent testing without passing QC as necessary
- If QC tests fail, analyzer can switch to STAT mode and list "E" at the end of each test number

Specifications

Feature	Specifications
Analyzer Type	Semi-Automatic
Methodology	Reflectance Photometry
Detection	Photosensitive Diode
Throughput	500 tests/ hour (Measuring cycle: 7 seconds/ test)
Test Categories	Routine, STAT, and QC
Lockout Functions	Strip Lockout: Available Upon Request; User/QC Lockout: Included with option to turn ON/OFF
Memory	Last 2,000 results
Strip Incubation Time	1 Minute
Wavelength	525 and 635 nm
Default Strips*	2, 3, 4, 5, 7, 8, 9, 10, 11, 13, and 14 Parameters (108 mm x 5 mm)
Strips Available*	1- 14 Parameters (108 mm x 5 mm); see URS Parameters
Parameter Order	Can select the order of parameters for display and print out
Total Combinations per Analyzer*	15 combinations available currently; capacity for unlimited
Waste Disposal Capacity	Up to 150 strips
Analyzer Ports*	RS232C Port for Barcode Reader, Data Transfer, and Software Update USB Port for Data Transfer 25 Pin Parallel Port for External Printer
Data Entry Capabilities*	Urine Color (yellow, orange, red, green, blue, brown, and other) and Clarity (clear, slightly cloudy, cloudy, turbid, and other) - Manual Entry Operator ID/Patient ID - Manual Entry and Barcode Reader (Up to 25 characters)
Data Transfer Options*	Data for single entry, all the data in database, data from specific date
Data Search Options*	Test number, positive results, patient ID, date, STAT results, QC results
Software Updates*	Download software from ACON website and update analyzer via RS232C Cable
Connection Capabilities*	Internal Thermal Printer (included) RS232C port for Software Update (included) Optional External Printer (not included) RS232C Barcode Reader (optional) USB or RS232C Data Transfer Cable (optional)
Major Readable Barcodes	Code 128, Code 39, Codabar (NW-7), EAN 8, EAN 13, Interleave 25, UPCA, UPCE
Screen Type*	TFT LCD color touch screen (11.5 cm x 9 cm)
LIS Interface*	Formatted and compatible with ACON standard interface, HL-7 compliant, and other interfaces
Calibration	Automatic
Available Languages on the Screen*	More than 8 languages available, including English
Operating Conditions	0-40°C (32-104°F); ≤ 85% RH
Storage Conditions	-5-50°C (23-122°F); ≤ 90% RH
Power Source	100-240 VAC, 50- 60 Hz
Dimensions (L x W x H)	36.6 cm x 28.3 cm x 19.5 cm (14.4" x 11.1" x 7.7")
Display Dimensions (L x W)	11.5 cm x 9 cm (4.5" x 3.5")
Weight	4.0 kg (8.8 lbs.) without batteries or power supply

* Enhanced Feature

Ordering Information

Product Name	Catalog No.	Components		Kit Box Dimensions (L x W x H) & Weight	Carton Dimensions (L x W x H) & Weight	Number of Kits/Carton
U500 Urine Analyzer	U211-101 [✓]	1 Urine Analyzer 1 Strip Platform/Waste Tray 2 Printer Paper Rolls	2 Fuses (2.0A) 1 Power Cord 1 Instruction Manual	51.0 cm x 42.0 cm x 38.5 cm; 7 kg 20.1" X 16.5" x 15.2"; 246.9 oz		1
U500 Urine Analyzer with Barcode Reader	U211-111 [✓]	1 Urine Analyzer 1 Strip Platform/Waste Tray 2 Printer Paper Rolls 1 Barcode Reader (RS232C)	2 Fuses (2.0A) 1 Power Cord 1 Serial Splitter Cable (RS232C) 1 Instruction Manual	55.0 cm x 55.0 cm x 55.0 cm; 9.2 kg 21.7" x 21.7" x 21.7"; 324.5 oz		1
Barcode Reader	U221-111 ^{✓†}	1 Barcode Reader (RS232C)	1 Serial Splitter Cable (RS232C)	23.6 cm x 10.8 cm x 7.8 cm; 0.482 kg 9.3" x 4.3" x 3.1"; 17.0 oz	63.0 cm x 37.0 cm x 30.0 cm; 12 kg 24.8" x 14.6" x 11.8"; 423.3 oz	22
Printer Paper Rolls	U121-101	4 Printer Paper Rolls	Thermal Paper (0.06 m x 20 m): 200 results/roll Sticker Paper (0.06 m x 9 m): 100 results/roll	12.0 cm x 12.0 cm x 6.5 cm; 0.360 kg 4.7" x 4.7" x 2.6"; 12.7 oz 12.0 cm x 12.0 cm x 6.5 cm; 0.40 kg 4.7" x 4.7" x 2.6"; 14.1 oz	63.0 cm x 37.0 cm x 30.0 cm; 19.4 kg 24.8" x 14.6" x 11.8"; 684.3 oz 63.0 cm x 37.0 cm x 30.0 cm; 21.4 kg 24.8" x 14.6" x 11.8"; 684.3 oz; 754.9 oz	50
U500 Data Transfer Kit	U221-131 ^{✓†}	1 Data Transfer Cable (RS232C)	1 Package Insert	16.0 cm x 13.0 cm x 3.5 cm; 0.147 kg 6.3" x 5.1" x 1.4"; 5.2 oz	25.0 cm x 21.0 cm x 15.0 cm; 1.36 kg 9.8" x 8.3" x 5.9"; 48.0 oz	8

CE Marked for sale in the European Community

† 510(k) Cleared

