

Mission[®] Urinalysis Reagent Strips and Urine Analyzers



Obtain reliable and cost-effective results with *Mission*[®] Urinalysis Reagent Strips and Urine Analyzers!

- **Accurate**
- **Reliable**
- **Convenient**



Urinalysis Reagent Strips

Simple and Accurate

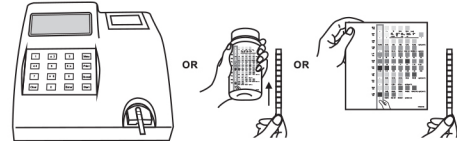
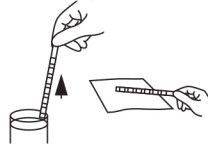
- Analytical sensitivity better than or comparable to market leaders
- High quality color chart ensures accurate visual reading

Flexible

- Compatible for visual and analyzer reading
- Over 35 different combinations available

Multiple Packaging Options and Long Shelf Life

- Canister Packaging
 - Available in 25, 50 and 100 strips per canister
 - 2 year shelf life for unopened canisters which 150 strips per kit without MA/CRE Combo offers cost savings and convenience for high volume testing
 - 3 month shelf life for strips in opened canisters
- Pouch Packaging
 - Individually packaged strips available in kit of 3 or 6 strips for visual reading only (includes 1 color chart)
 - Unique packaging maintains 2 year shelf life for all strips in the kit compared to 3 months for remaining strips in an opened canister



Step 1: Immerse strip into urine

Step 2: Remove excess urine

Step 3: Obtain results by analyzer or visual reading

No.	Catalog No.	No. of Parameters	Type of Strip [§]		Reading Availability				Parameters														
			Visual Reading	Analyzer Reading	Visual	U120	U120 Ultra	U500	ASC	GLU	BIL	KET	SG	BLO	PH	PRO	URO	NIT	LEU	ALB	CRE	CA	
1	U031-141	14	14C√		Yes	Yes	Yes	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
2	U031-131	13	13CE√		Yes	Yes	Yes	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
3	U031-111	11	11A√†		Yes	Yes	Yes	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
4	U031-101	10	10U√x		Yes	Yes	Yes	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
5	U031-191	9	9U√x		Yes	Yes	Yes	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
6	U031-081	8	8U√x		Yes	Yes	Yes	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
7			8N√x		Yes	Yes	Yes	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
8			8S√x		Yes	Yes	No	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9			8K√x		Yes	Yes	No	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	U031-071	7	7N√x		Yes	Yes	Yes	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
11	U031-061	6	6N√x		Yes	Yes	No	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
12			6U√x		Yes	Yes	No	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13	U031-051	5	5B√x		Yes	Yes	No	No	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
14			5N√x		Yes	Yes	Yes	No	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15			5S√x		Yes	Yes	No	No	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16			5U√x		Yes	Yes	No	No	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17	U031-041	4	4P√x		Yes	Yes	Yes	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
18			4S√x		Yes	Yes	Yes	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19			4B√x		Yes	Yes	No	No	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20			4K√x		Yes	Yes	Yes	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21			4G√x		Yes	Yes	No	No	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22	4N√x		Yes	Yes	No	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
23	U031-031	3	3P√x		Yes	Yes	Yes	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
24			3K√x		Yes	Yes	Yes	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
25			3G√x		Yes	Yes	No	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
26			3N√x		Yes	Yes	No	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
27	U031-021	2	2G√x		Yes	Yes	Yes	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
28			2K√x		Yes	Yes	Yes	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
29			2N√x		Yes	Yes	Yes	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
30			2B√x		Yes	Yes	No	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
31			2U√x		Yes	Yes	No	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
32			2S√x		Yes	Yes	No	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
33			2C√		Yes	Yes	Yes	Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
34	U031-011	1	1B√x		Yes	Yes	No	No	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
35			1P√x		Yes	Yes	No	No	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
36			1G√x		Yes	Yes	Yes	No	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
37			1K√x		Yes	Yes	No	No	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
38			1R√x		Yes	Yes	No	No	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

[§]Type of Strip:
 Visual Strip Size: 1-6 Parameters: 80 mm x 5 mm; 7-14 Parameters: 108 mm x 5 mm
 U120/U500 Strip Size: 1-14 Parameters: 108 mm x 5 mm
 *E" means extended strip length for 1-6 Parameters and exclusive strip length for 13 Parameter
 Default Type of Strip (U120/U500): 11A, 10U, 9U and 8N
 Standard Black Canisters : Available for 25, 50 and 100 strips; 150 strips per kit without MA/CRE Combo
 Pouch: Single-strip pouch available in kit of 3 or 6 for visual reading only

✓ CE Marked for sale in the European Community
 † FDA 510(k) Cleared
 x FDA 510(k) Cleared and CLIA Waived

U120 Urine Analyzer



Accurate

- Up to 120 tests/hour in Continuous Test Option
- Test categories include Routine, STAT and QC
- Automatic calibration for accurate results and easy operation

Reliable

- Can read strips with up to 14 parameters, including Microalbumin/Creatinine/Calcium
- Minimal training required

Convenient Operation

- Saves and recalls the last 2,000 results automatically
- Audible beep signals operator to dip strips in urine
- Can print up to 3 copies per test for convenient reviewing and easy record keeping
- Option to print results on sticker paper for quick and simple record management

Easy Data Management

- Includes RS232C and USB ports for easy data transfer to an external computer or LIS
- Record Operator/Patient ID by Manual Entry and Barcode Reader

Specifications

Features	Specifications
Analyzer Type	Manual
Methodology	Reflectance Photometry
Detection	Photosensitive Diode
Throughput	Single Test Option: 60 tests/hour Continuous Test Option: 120 tests/hour
Test Categories	Routine, STAT and QC
Memory	Last 2,000 results
Strip Incubation Time	1 Minute
Wavelength of Monochromatic LED	525 nm and 635 nm
Default Strips	8, 9, 10, 11 Parameters (108 mm x 5 mm)
Strips Available	1-14 parameters (108 mm x 5 mm); see URS Parameters
Total Combinations Per Analyzer	4 Combinations
Analyzer Ports	RS232C Port for Barcode Reader or Data Transfer USB Port for Data Transfer 25 Pin Parallel Port for External Printer
Data Entry Capabilities	Operator/Patient ID - Manual Entry and Barcode Reader (Up to 20 characters)
Connection Capabilities	Internal Thermal Printer (included) RS232C Barcode Reader (optional) Optional External Printer (not included) 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
Calibration	Automatic
Available Languages on the Screen	English and additional language(s)
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)	27.2 cm x 26.9 cm x 14.6 cm (10.7" x 10.6" x 5.7")
Display Dimensions (L x W)	10.8 cm x 5.7 cm (4.2" x 2.2")
Weight	2.6 kg (5.7 lbs) without batteries or power supply

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
U120 Urine Analyzer	U111-101 ^{√X}	1 Urine Analyzer 1 Strip Holder 2 Printer Paper Rolls	2 Fuses (2.0A) 1 Power Cord 1 Quick Start Guide 1 Instruction Manual	42.0 cm x 41.5 cm x 31 cm; 5.0 kg 16.4" x 16.2" x 12.1"; 176.4 oz	1
U120 Urine Analyzer With Barcode Reader	U111-111 ^{√X}	1 Urine Analyzer 1 Strip holder 2 Printer Paper Rolls 1 Barcode Reader (RS232C)	2 Fuses (2.0A) 1 Power Cord 1 Serial Splitter Cable (RS232C) 1 Quick Start Guide 1 Instruction Manual	44.5cm x 44.5cm x 40.0cm; 5.5 kg 17.5" x 17.5" x 15.7"; 194 oz	1
Barcode Reader	U221-111 ^{√X}	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; 12.0 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; 0.36kg 4.7" x 4.7" x 2.6"; 12.7oz 12.0 cm x 12.0 cm x 6.5 cm; 0.4 kg 4.7" x 4.7" x 2.6"; 14.1 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 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	50
U120 Data Transfer Kit	U221-131 ^{√X}	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	8

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X FDA 510(k) Cleared and CLIA Waived

U120 Ultra Urine Analyzer



Easy to Operate

- Large color touchscreen LCD for simple menu navigation
- Work List and Help Menu available for specimen review and troubleshooting
- Powered by AC adaptor or 6 AA batteries for easy portability
- Up to 2,000 patient memory and 800 Operator ID storage
- Ability to select Time Logout between 1-99 with minutes or hours option

Accurate and Efficient

- Advanced CMOS Image Sensor ensures accurate readings
- Can read strips with up to 14 parameters, including Microalbumin, Creatinine and Calcium
- Option to edit test number sequence, or skip then return to specific test numbers
- Ability to edit abnormal results

Simple Data Transfer

- Immediate transmission of LIS data using Bluetooth, LAN or WLAN
- Ability to update software with SD card or USB flash drive

Unique Lockout Functions

- Strip Lockout
 - Pre-set option to prevent using strips of another brand, with a barcode reader or by manual entry
- User Lockout
 - Option to eliminate unapproved users with up to 800 operators
- QC Lockout
 - Prevents testing without passing QC
 - If QC tests fail, analyzer will switch to STAT mode and list "E" at the end of each test number

Specifications

Feature	Specifications
Analyzer Type	Manual
Methodology	Reflectance Photometry
Detection	CMOS Image Sensor
Throughput	Single Test Option: 55 tests/hour; Continuous Test Option: 120 tests/hour
Test Modes	Quick Test Mode, Full Test Mode and Customized Test Mode
Test Category	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 Records
Strip Incubation Time	1 Minute
Wavelength	390 nm - 770 nm
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	Over 15 Combinations
Analyzer Ports	RS232C Port for Barcode Reader or Data Transfer and External Printer USB Ports for Keyboard or Data Transfer
Data Entry Capabilities	Operator ID, Patient ID/Name - Manual Entry and Barcode Reader (Up to 20 characters) Urine Color and Clarity, Strip Lot Number, and Expiration Date - Manual Entry
Connection Capabilities	Internal Thermal Printer (included) Bluetooth (included) Bluetooth Adaptor (optional) RS232C Barcode Reader (optional) USB or RS232C Data Transfer Cable (optional) SD Card or USB flash drive for Software Update (optional) Ethernet via USB to RJ45 Adapter (optional) Keyboard (not included) Optional External Printer (not included)
Major Readable Barcodes	Code 39 EAN 8 French Pharmacode Matrix 25 RSS Code 93 EAN 13 Industrial 25 MSI Telepen Code 128 EAN 128 Interleave 25 Plessey UPCA Codabar (NW-7) Italy Pharmacode UPCE
Screen Type	Large color touch screen LCD (12 cm x 9 cm)
LIS Interface	Formatted and compatible with HL-7 compliant, ACON standard interface, S interface, D interface, U interface and R interface for downloading of LIS data
Calibration	Automatic
Available Languages on the Screen	More than 10 languages available, including English
Analyzer Operating Conditions	0-40°C (32-104°F); 5%-85% RH
System Operating Conditions	15-30°C (59-86°F); 20%-80% RH
Storage Conditions	-5-50°C (23-122°F); ≤90% RH
Power Source	100- 240 VAC, 45-65 Hz; 6 AA Alkaline Batteries
Line Leakage Current	0.5 mA
Dimensions (L x W x H)	26 cm x 15 cm x 18 cm (10" x 6" x 7")
Display Dimensions (L x W)	12 cm x 9 cm (5" x 4")
Weight	1.7 kg (3.7 lb) without batteries or power supply

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
U120 Ultra Urine Analyzer	U114-101 ✓	1 Urine Analyzer 2 Test Tables 2 Test Table Inserts 2 Printer Paper Rolls	1 Power Cord and Supply Adapter 1 Brush 1 Quick Start Guide 1 Instruction Manual	40 cm x 39 cm x 36 cm; 4 kg 16" x 15" x 14"; 141 oz	1
U120 Ultra Urine Analyzer with Barcode Reader	U114-111 ✓	1 Urine Analyzer 2 Test Tables 2 Test Table Inserts 2 Printer Paper Rolls 1 Barcode Reader (RS232C)	1 Power Cord and Supply Adapter 1 Brush 1 Quick Start Guide 1 Instruction Manual	40 cm x 39 cm x 36 cm; 4 kg 16" x 15" x 14"; 141 oz	1
Barcode Reader	U124-111 ✓	1 Barcode Reader (RS232C)		23.6 cm x 10.8 cm x 7.8 cm; 0.36 kg 9.3" x 4.3" x 3.1"; 17.0 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; 0.36 kg 4.7" x 4.7" x 2.6"; 12.7oz 12.0 cm x 12.0 cm x 6.5 cm; 0.4 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
U120 Ultra Data Transfer Kit	U124-131 ✓	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

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Urine Controls

Reliable

- Use with *Mission*[®] and *Mission*[®] *Expert* Urinalysis Reagent Strips and Urine Analyzers for optimum quality control
- Validate urinalysis results and prevent procedure errors

Quick and Convenient Testing

- Ensures accurate results for all parameters
- Obtain quick results in any setting
- Competitively priced

Two Types of Urine Controls Available

Liquid Urine Control

- Ready to use without dissolving in distilled water
- 24 months shelf life for unopened controls at 2-8°C
- Two Packaging Options
 - Dropper Tip Bottles
 - Dropper tip bottles provide efficient use of the control solution
 - Easily drop the control solution onto each reagent pad using the dropper tip bottle
 - Controls can be used up to 40 times within 30 days at room temperature
 - Diptubes
 - Diptube packaging allows for quick testing similar to using a urine specimen
 - Simply dip the strip into the control solution and read results
 - Controls can be used up to 20 times within 30 days at room temperature

Dry Strip Urine Control

- Portable for use anywhere with no refrigeration required
- Dissolve the dry strip urine control in distilled water, dip urine strip in the control solution, then compare to color chart
- Each control solution can be used for up to 12 tests at 2-30°C within 8 hours for all parameters
- 24 months shelf life at 2-30°C for unopened controls

Specifications

Features	Specifications		
Product Name	Liquid Urine Control	Liquid Diptube Urine Control	Dry Strip Urine Control
Test Parameters	LEU, NIT, URO, PRO, pH, BLO, SG, KET, BIL, GLU, ASC, ALB, CRE, CA (13)		
Solution Detection Levels	Level 1	Negative: LEU, NIT, URO, PRO, pH, BLO, SG, KET, BIL, GLU, ASC, ALB, CRE, CA	
	Level 2	Positive: LEU, NIT, URO, PRO, pH, BLO, SG, KET, BIL, GLU, ALB, CRE, CA and Negative ASC	
Compatible Urine Strips	<i>Mission</i> [®] Urinalysis Reagent Strips, <i>Mission</i> [®] <i>Expert</i> Urinalysis Reagent Strips		
Reading Time/Stability	Refer to insert	Refer to insert	Refer to insert
Storage Temperature	2-8°C	2-8°C	2-30°C
Unopened Control Shelf Life	24 months	24 months	24 months
Opened Control Stability	30 days at 15-30°C or until the expiration date at 2-8°C	30 days at 15-30°C or until the expiration date at 2-8°C	2-30°C: 3 months for Dry Strip; 8 hours for Control Solution for all parameters
Maximum Tests per Unit	20 or 40 tests/bottle	20 tests/diptube	12 tests/control solution of 1 dry strip

Ordering Information

Product Name	Catalog No.	Components	Kit Box Dimensions (LxWxH) & Weight	Carton Dimensions (LxWxH) & Weight	# Kits/Carton
Liquid Urine Control ✓X	U021-011	Level 1: 3 x 10 mL /bottle; Level 2: 3 x 10 mL/bottle	85 mm x 55 mm x 60 mm; 107 g	400 mm x 270 mm x 345 mm; 5.2 kg	198
		Level 1: 3 x 5 mL/bottle; Level 2: 3 x 5 mL/bottle	85 mm x 55 mm x 60 mm; 75 g	400 mm x 270 mm x 345 mm; 4.2 kg	198
		Level 1: 1 x 10 mL/bottle; Level 2: 1 x 10 mL/bottle	55 mm x 28 mm x 60 mm; 41 g	400 mm x 270 mm x 345 mm; 6.6 kg	228
		Level 1: 1 x 5 mL/bottle; Level 2: 1 x 5 mL/bottle	55 mm x 28 mm x 60 mm; 31 g	400 mm x 270 mm x 345 mm; 5.5 kg	228
Liquid Diptube Urine Control ✓X	U021-071	Level 1: 2 x 12 mL/diptube; Level 2: 2 x 12 mL/diptube	130 mm x 55 mm x 55 mm; 101 g	385 mm x 255 mm x 320 mm; 4.7 kg	30
		Level 1: 1 x 12 mL/diptube; Level 2: 1 x 12 mL/diptube	130 mm x 55 mm x 55 mm; 62 g	385 mm x 255 mm x 320 mm; 3.5 kg	30
Dry Strip Urine Control ✓X	U021-041	Level 1: 1 x 25 strips/canister; Level 2: 1 x 25 strips/canister	100 mm x 51 mm x 110 mm; 126 g	280 mm x 280 mm x 260 mm; 3.6 kg	24
		Level 1: 1 x 10 strips/canister; Level 2: 1 x 10 strips/canister	100 mm x 51 mm x 110 mm; 106 g	280 mm x 280 mm x 260 mm; 3.1 kg	24

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We also offer other rapid diagnostic and medical products for:

Blood Glucose Monitoring Systems, Clinical Chemistry including Urinalysis, Immunoassay EIA/ELISA and more.

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