

# Mission<sup>®</sup> Expert U120 Smart Urine Analyzer

Multiple Strips | Clinical Accuracy | Easy to Use | Small Footprint for POCT



## High Accuracy and Reliability

- Automatic calibration before each test
- Up to 120 tests per hour in Continuous Mode
- Reads strips with up to 14 parameters
- Robust construction
- Print up to 3 copies per test for record keeping
- Data Management ready
- Include RS232C and USB ports for data transfer to an external computer or LIS



Internal Thermal Printer



Large Display Screen



Robust Keyboard

## U033 Strip Combinations for U120 Smart

Catalog No.	Number of parameters	Type Strip U120 Smart	Parameter Order (First parameter is closest to strip handle)	Parameters													
				ASC	GLU	BIL	KET	SG	BLO	pH	PRO	URO	NIT	LEU	ALB	CRE	
U033-111	11	11U	SG/pH/Leu/Nit/Pro/Glu/Ket/Uro/Bil/Blo/Asc	*	*	*	*	*	*	*	*	*	*	*	*		
U033-101	10	10S	SG/pH/Leu/Nit/Pro/Glu/Ket/Uro/Bil/Blo		*	*	*	*	*	*	*	*	*	*	*		
U033-091	9	9N	SG/pH/Nit/Pro/Glu/Ket/Uro/Bil/Blo		*	*	*	*	*	*	*	*	*	*			
U033-051	5	5KE	pH/Pro/Glu/Ket/Blo		*		*		*	*	*						
U033-041	4	4UE	SG/pH/Glu/Pro		*			*		*	*						
U033-021	2	2GE	Glu/Pro		*						*						

## U034 Strip Combinations for U120 Smart

Catalog No.	Number of parameters	Type Strip U120 Smart	Parameter Order (First parameter is closest to strip handle)	Parameters													
				ASC	GLU	BIL	KET	SG	BLO	pH	PRO	URO	NIT	LEU	ALB	CRE	
U034-111	11	11UW	SG/pH/Leu/Nit/Pro/Glu/Ket/Uro/Bil/Blo/Asc	*	*	*	*	*	*	*	*	*	*	*	*		
U034-101	10	10SW	SG/pH/Leu/Nit/Pro/Glu/Ket/Uro/Bil/Blo		*	*	*	*	*	*	*	*	*	*	*		
U034-091	9	9NW	SG/pH/Nit/Pro/Glu/Ket/Uro/Bil/Blo		*	*	*	*	*	*	*	*	*	*			
U034-051	5	5KEW	pH/Pro/Glu/Ket/Blo		*		*		*	*	*						
U034-041	4	4UEW	SG/pH/Glu/Pro		*			*		*	*						
U034-021	2	2GEW	Glu/Pro		*						*						
		2CEW	ALB/CRE												*	*	

# Specifications

Features	Specifications
Methodology	Reflectance Photometry
Detection	Photosensitive Diode
Throughput	Single Test Option: 60 test/hour Continuous Test Option: 120 test/hour
Test Modes	Routine, STAT and QC
Memory	Last 2,000 results
Strip Incubation Time	1 min
Wavelength of Monochromatic LED	525 nm and 635 nm
Standard Available	2-11 Parameters (5 mm x 112 mm)
Total Combinations per Analyzer	Over 6 combinations
Analyzer Ports	Standard RS232C Port for Barcode Reader, Data transfer or software update, USB Port for Data Transfer or software update, 25 Pin Parallel Port for External Printer
Capabilities	Internal Thermal Printer (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
Calibration	Automatic
Available Languages on the Screen	English and additional languages
Analyzer Operating Conditions	0 - 40 °C (32 - 104 °F); ≤85% Relative Humidity (non-condensing)
Strip Operating Conditions	15-30 °C (59-86 °F); ≤85% Relative Humidity (non-condensing)
Storage Conditions	- 5 - 50 °C (23-122 °F); 90% Relative Humidity
Power Source	100-240 V AC, 50/60 Hz, 35VA
Dimensions (L x W x H)	27.5 cm x 18.3 cm x 13.9 cm (10.8" x 7.2" x 5.5")
Display Dimensions (L x W)	10.8 cm x 6.5 cm (4.2" x 2.6")
Weight	1.85 kg (4.1 lbs)

CE marked for sale in the European Community

# 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
<i>Mission® Expert U120 Smart Urine Analyzer</i>	U118-101	1 Urine Analyzer	2 Printer Paper Rolls	49 cm x 28 cm x 22.5 cm, 3.4 kg		1
		1 Instruction Manual	1 Power Cord	19.3" x 11.0" x 8.9", 119.9 oz		
<i>Mission® Expert U120 Smart Urine Analyzer (with Barcode Reader)</i>	U118-111	1 Urine Analyzer	2 Printer Paper Rolls	49 cm x 28 cm x 22.5 cm, 3.8 kg		1
		1 Instruction Manual	1 Power Cord	19.3" x 11.0" x 8.9", 134.0 oz		
<i>Barcode Reader</i>	U223-111	1 Barcode Reader (RS232C)		23.6 cm x 10.8 cm x 7.8 cm;	27.5 cm x 24 cm x 25 cm;	22
		1 Serial Splitter Cable (RS232C)		0.482 kg	2.46 kg	
<i>Printer Paper Rolls</i>	U123-101	4 Printer Paper Rolls	Thermal Paper (0.06 m x 20 m): 200 results/roll	12.0 cm x 12.0 cm x 6.5cm;	63.0 cm x 37.0 cm x 30.0 cm;	50
				0.36 kg	19.4 kg	
			Sticker Paper (0.06 m x 9 m): 100 results/roll	4.7" x 4.7" x 2.6"; 12.7 oz	24.8" x 14.6" x 11.8"; 684.3 oz	
				12.0 cm x 12.0 cm x 6.5 cm;	63.0 cm x 37.0 cm x 30.0 cm;	
<i>U120 Data Transfer Kit</i>	U128-131	1 Data Transfer Cable (RS232C or USB)		16.0 cm x 13.0 cm x 3.5 cm;	25.0 cm x 21.0 cm x 15.0 cm;	8
		1 Package Insert		0.147 kg	1.36 kg	
				6.3" x 5.1" x 1.4"; 5.2 oz	9.8" x 8.3" x 5.9"; 48.0 oz	

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**Blood Glucose, Lateral flow, POCT Products, Immunoassay, Molecular Diagnostics and more.**

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