

Mission® U120 Smart Analyzer

Mission®
UNITED STATES



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 11 parameters, including Microalbumin/Creatinine and Ascorbic Acid
- Minimal training required
- Software includes 15 strip combinations
- Robust construction
- Data Management ready
- Includes RS232C and USB ports for data transfer to an external computer or LIS
- 510(k) Cleared and CLIA Waived



Internal Thermal
Printer



Large Display
Screen



Robust Keyboard

Strip Combinations for U120 Smart

Catalog Number	Number of Parameters	Type of Strip U120 Smart	Parameter Order (First parameter is closest to strip handle)	Parameter													
				ASC	GLU	BIL	KET	SG	BLO	PH	PRO	URO	NIT	LEU	ALB	CRE	Ca
U031-111	11	11A	Asc/Glu/Bil/Ket/SG/Blo/pH/Pro/Uro/Nit/Leu	*	*	*	*	*	*	*	*	*	*	*			
U031-101	10	10U 10SG	Glu/Bil/Ket/SG/Blo/pH/Pro/Uro/Nit/Leu		*	*	*	*	*	*	*	*	*	*			
U031-091	9	9U	Glu/Bil/Ket/SG/Blo/pH/Pro/Uro/Nit		*	*	*	*	*	*	*	*	*				
U031-081	8	8U	Glu/Bil/Ket/Blo/pH/Pro/Uro/Nit		*	*	*		*	*	*	*	*				
		8N	Glu/Ket/SG/Blo/pH/Pro/Nit/Leu1		*		*	*	*	*	*		*	*			
U031-071	7	7N/7OB	Glu/Ket/Pro/pH/Blo/Nit/Leu		*		*		*	*	*		*	*			
U031-061	6	6NE/6OB	Glu/Pro/pH/Blo/Nit/Leu		*				*	*	*		*	*			
U031-051	5	5HE	Blo/pH/Pro/Ket/Glu		*		*		*	*	*						
		5NE/5OB	Glu/Pro/Nit/Blo/Leu		*				*		*		*	*			
U031-041	4	4PE/4NL	Glu/Pro/Nit/Leu		*						*		*	*			
		4SE	Glu/SG/pH/Pro		*			*		*	*						
U031-031	3	3PE	Glu/pH/Pro		*					*	*						
		3KE	Glu/Ket/Pro		*		*				*						
U031-021	2	2GE/2GP	Glu/Pro		*						*						
		2CE	ALB/CRE												*	*	

Features	Specifications
Analyzer Type	Semi-automatic
Methodology	Reflectance Photometry
Detection	Photosensitive Diode
Calibration	Automatic
Throughput	Single Test Option: 60 tests/hour, Continuous Test Option: 120 tests/hour
Memory	Last 2,000 results
Strip Incubation Time	1 Minute
Wavelength of Monochromatic LED	525 nm and 635 nm
Strip Types	2-11 Parameters (108 mm x 5 mm)
Strip Combinations Per Analyzer	15 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	USB or RS232C Data Transfer Cable (optional), RS232C Barcode Reader (optional), External Printer (optional)
Available Languages on the Screen	English, French, German, Italian, Portuguese and Spanish
Operating Conditions	0 - 40 °C (32 - 104 °F); <85% RH
Storage Conditions	- 5 - 50 °C (23 - 122 °F); <90% RH
Power Source	100 - 240 Volts AC, 50-60 Hz
Dimensions (L x W x H)	(10.7" x 7" x 4.1")
Display Dimensions (W x H)	11 cm x 6.5 cm (4.3" x 2.6")
Weight	1.9 kg (4.2 lbs.) without batteries or power supply

Ordering Information

Product Name	Catalog Number	Components		Carton Dimensions (L x W x H) & Weight		Number of Kits/Carton
U120 Urine Analyzer	U117-101	1 Urine Analyzer 2 Printer Paper Rolls 1 Quick Start Guide	1 Power Cord 1 User Manual	49 cm x 28 cm x 22.5 cm; 3.4 kg		1
				19.3" x 11" x 8.9"; 7.5 lbs		
Printer Paper Rolls	U121-101	4 Printer Paper Rolls	Thermal Paper (0.06 m x 20 m): 200 results/roll	12.0 cm x 12.0 cm x 6.5 cm; 0.36 kg	63.0 cm x 37.0 cm x 30.0 cm; 19.4 kg	50
			Sticker Paper (0.06 m x 9 m): 100 results/roll	4.7" x 4.7" x 2.6"; 12.7oz	24.8" x 14.6" x 11.8"; 42.8 lbs	



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