

# Mission® U120 Smart 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 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													*	*	

# Specifications

Features	Specifications
<b>Analyzer Type</b>	Semi-automatic
<b>Methodology</b>	Reflectance Photometry
<b>Detection</b>	Photosensitive Diode
<b>Calibration</b>	Automatic
<b>Throughput</b>	Single Test Option: 60 tests/hour, Continuous Test Option: 120 tests/hour
<b>Memory</b>	Last 2,000 results
<b>Strip Incubation Time</b>	1 Minute
<b>Wavelength of Monochromatic LED</b>	525 nm and 635 nm
<b>Strip Types</b>	2-11 Parameters (108 mm x 5 mm)
<b>Strip Combinations Per Analyzer</b>	15 Combinations
<b>Analyzer Ports</b>	RS232C Port for Barcode Reader or Data Transfer, USB Port for Data Transfer, 25 Pin Parallel Port for External Printer
<b>Data Entry Capabilities</b>	Operator/Patient ID - Manual Entry and Barcode Reader (Up to 20 characters)
<b>Connection Capabilities</b>	USB or RS232C Data Transfer Cable (optional), RS232C Barcode Reader (optional), External Printer (optional)
<b>Available Languages on the Screen</b>	English, French, German, Italian, Portuguese and Spanish
<b>Operating Conditions</b>	0 - 40 °C (32 - 104 °F); <-85% RH
<b>Storage Conditions</b>	- 5 - 50 °C (23 - 122 °F); <-90% RH
<b>Power Source</b>	100 - 240 Volts AC, 50-60 Hz
<b>Dimensions (L x W x H)</b>	(10.7" x 7" x 4.1")
<b>Display Dimensions (W x H)</b>	11 cm x 6.5 cm (4.3" x 2.6")
<b>Weight</b>	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		
<b>U120 Urine Analyzer</b>	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  19.3" x 11" x 8.9"; 7.5 lbs	1	
<b>Printer Paper Rolls</b>	U121-101	4 Printer Paper Rolls	<b>Thermal Paper</b> (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
			<b>Sticker Paper</b> (0.06 m x 9 m): 100 results/roll	4.7" x 4.7" x 2.6"; 12.7oz		



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