

DxU 810c IRIS

AUTOMATED URINE CHEMISTRY ANALYZER

DATASHEET

The DxU 810c Iris fully automated urinalysis chemistry analyzer delivers reliable results to your laboratory. The analyzer offers high-volume testing and ease-of-use to maximize laboratory performance and productivity with continuous strip loading capability and throughput of 210 samples/hour.

Routine urine chemistry analysis is performed with fast turnaround time with less than 2 minutes to first results and then every 15 seconds. The analyzer features highly reliable and robust data storage with 300 strip load capacity and onboard data storage of up to 10,000-patient results.



RELIABLE URINE CHEMISTRY RESULTS WITHOUT INTERRUPTIONS

- › **Evaluate nine standard urine chemistries** plus ascorbic acid with a comprehensive parameter menu
- › **Enhance the detection of interference** with an ascorbic acid test pad that helps spot false negatives or decreases results in blood, nitrite, bilirubin or glucose
- › **Elevate operator experience** with a sleek, intuitive software user interface, full menu of shortcuts and a beacon light that helps identify system-status at-a-glance
- › **Increase uptime and improve productivity** with iWARE Integrated Urinalysis Software, standard on all analyzers, and optional innovative software solutions including PROService remote service tool, DxONE Command Central remote monitoring and REMISOL Advance middleware

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	CHEMISTRY
Menu/Test parameters	<ul style="list-style-type: none"> › Test Strip Parameters: Glucose, Protein, Bilirubin, Urobilinogen, pH, Blood, Ketones, Nitrite, Leukocyte › System Parameters: Specific Gravity, Color, Clarity
Measurement technology	<ul style="list-style-type: none"> › Specific Gravity: refractive index › Clarity: measured directly from scattered light › Color: measured by transmitted light in the sample using proprietary algorithms
Measurement wavelengths	472 nm, 520 nm, 630 nm
Test strips	DxU 810c Iris Urine Chemistry Strip, 100-test vial; Storage 36-86°F (2-30°C)
Test strip capacity	1-300 test strips
Sample throughput	Up to 210 samples per hour
Sample identification and capacity	<ul style="list-style-type: none"> › Auto-ID barcode or keyboard entry of ID › 10-tube rack system › 60-specimen walk-away capability with continuous feed for each system as standalone or as DxU Iris Workcell; up to 200; L/U holds 140 samples and with 60 onboard this is 200
Specimen volume	Minimum: 2 mL
Aspiration volume	Approximately ~1mL
Data storage	Onboard storage of up to 10,000 patient results
Communication interface	Bidirectional with host query
Operating environment	<ul style="list-style-type: none"> › Temperature: 64-82°F (18-28°C) › Humidity: 20-80%, non-condensing
Electrical power requirement	100-240 VAC, 50-60 Hz , 3.5A
Dimensions and Weight	<ul style="list-style-type: none"> › Width: 20.9" › Height: 23" › Depth: 25.4" › Weight: 100 lbs
Options	Connection to DxU 850m/840m Iris, load/unload station, PROService, DxONE Command Central, REMISOL Advance

For more information, please visit www.beckmancoulter.com/DxUIris

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