

iRICELL[®]2000plus

Part Number 800-7714

The iRICELL2000plus integrates urine chemistry and microscopy into a fully automated walk-away solution that's easy to use and maintain.

Increase lab productivity and improve workflow efficiency

- Edit Free Release™ Technology reduces unnecessary interaction with urine testing results
- Improves turnaround time for results by eliminating manual steps
- Enables highly skilled technologists to perform other tasks

Iris Diagnostics' patented flow-imaging microscopy and auto-particle recognition (APR™) software is preferred by labs worldwide, as it virtually eliminates manual microscopy. And it's built by the leader in complete urinalysis, providing unmatched quality and accuracy.

Maximize your productivity iWARE[®] Integrated Urinalysis Software Part Number 800-3054

- Uses your rules to automate validation of urine testing results
- Reduces workflow bottlenecks to improve turnaround time of results
- Streamlines workflow by combining verification and results validation into a single step

iQ[®]200 Body Fluids Module Part Number 800-3217

- Significantly reduces processing time and labor
- Reduces 'Send Out' costs
- Leverages iQ[®]200 Workcell walk-away
- Provides results across a broad reportable range

Automated urine testing solutions to fit any workload!



Productivity & Performance!



iQ200® ELITE Automated Urine Microscopy Analyzer

Perfect for medium volume workloads.

70 Microscopic Samples / hour

Particles Identified by Auto Particle Recognition (APR™)	RBC, WBC, Bacteria, Hyaline Casts, Pathological Casts, Crystals, Squamous Epithelial Cells, Non-Squamous Epithelial Cells, Yeast, WBC Clumps, Sperm and Mucus
Specimen Processing	Barcode or keyboard entry of ID; 60-specimen walk away capability; 10-tube rack system with continuous feed
Specimen Volume	Min. volume: 2.0 mL of un-spun urine; aspiration volume: approx 1.0 mL
Measurement Principle	Flow Cell Digital Imaging
Particle Classification	Auto-Particle Recognition (APR™) using advanced neural network software
Sample Throughput • iQ200SELECT	70 samples per hour
Workstation	Computer with flat panel monitor / keyboard / mouse
Sample Rack	10-tube rack
Data Storage	Onboard storage of up to 10,000 patient results
Interface	Bi-Directional with host query
Electrical Power Req.	Microscopy Module: 90-240 Vac, 50-60 Hz Monitor: 100-240 Vac
Dimensions	Microscopy Module: 22H x 21W x 24D in. (55.9H x 53W x 61D cm) CPU: 13.5H x 5.5W x 15D in. (34.3H x 14W x 38.1D cm) Monitor: 17.52H x 17.52W x 8D in. (44.5H x 44.5W x 20.3D cm) Printer: 10.1H x 13.8W x 17.7D in. (25.654H x 35.052W x 45D cm) Load/Unload Stations: 9H x 13.5W x 19D in. (22.9H x 34.3W x 48.3D cm)
Weight	Microscopy Module: 100 lbs. (46 kg) CPU: 28 lbs. (13 kg) Monitor: 19.1 lbs. (8.7 kg) Load/Unload Stations: 12 LBC. (5.5KG)

iChem® VELOCITY™ Automated Urine Chemistry Analyzer

210 Urine Chemistry Samples / hour

Tests Performed	13 (10) Urine Chemistries, Specific Gravity, Color and Clarity
Measurement Methods • Test Strip • Specific Gravity • Color / Clarity	Three wavelengths—<i>Iris Chromaticity</i> with variable endpoint Refractive index <i>In-flow transmission and scattering color sensor</i> with white light illumination
Measurement Wavelengths	472, 520, 630 nm
Measurement Principle	Reflectance Photometry LEDs with CMOS Camera
Test Strip	iChem Urine Chemistry Strip, 100-test vial; Storage 34° - 86°F (1° - 30°C)
Test Strip Capacity	1 to 300 test strips
Sample Throughput	Up to 210 samples per hour
Sample Identification	Auto-ID barcode
Sample Rack	10-tube rack
Specimen Volume	Min volume: 2.0 mL
Sample Capacity	60 / 210 samples with continuous feed optional load / unload modules
Data Storage	10,000 results
Computer Interface	Ethernet
Operating Environment	Temperature: 64° - 82°F (18° - 28°C); Humidity: 20 - 80%; non-condensing
Power Supply	100 to 240 Vac; 50 to 60 Hz
Dimensions	22H x 21W x 24D in. (56H x 53.5W x 61D cm)
Weight	100 lbs. (45.4 kg)

Focus beyond the scope!



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