

iRICELL®3000plus

Part Number 800-7715

The iRICELL3000plus integrates urine chemistry and microscopy into a fully automated walk-away solution that's easy to use and maintain.

Manage increasing workloads without increasing headcount

- Edit Free Release™ Technology reduces unnecessary interaction with urine testing results
- Improves turnaround time for results by eliminating manual steps
- Take on additional testing without increasing FTEs

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!



Workload Management Powerhouse!



iQ200®SPRINT Automated Urine Microscopy Analyzer

101 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	101 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 In-flow transmission and scattering color sensor 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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