Latest lineup of chemistry analyzers for low-volume settings

Access interactive guide

August 2014—This year's guide to chemistry analyzers for low-volume laboratories consists of information supplied by 17 companies on 33 analyzers, three of which are new to this guide.

Vital Diagnostics, an ElitechGroup Company, launched the Eon 300 Clinical Chemistry system. The system is sold exclusively by McKesson Medical Surgical to small to midsize physician offices and satellite and hospital laboratories. The Eon 300 runs up to 500 tests per hour and offers state-of-the-art operator interface, a robust menu, reusable cuvettes, intuitive software, an all-in-one PC with touchscreen monitor, and remote diagnostics.

New from Randox is the RX Daytona Plus, a fully automated, random-access benchtop clinical chemistry analyzer that provides comprehensive routine and specialized testing with emergency stat sampling functionality. Routine chemistries, specific proteins, lipids, therapeutic drugs, drugs of abuse, antioxidants, and diabetes testing make up the RX-series menu.

Nova Biomedical's latest is the Stat Profile Prime with Zero maintenance MicroSensor cartridge technology. Individual cartridges for sensors, calibrators, and liquid quality control optimize the life of each element compared with a combined calibrator/sensor cartridge design. Its Clot Block flow path is designed to eliminate downtime due to clots.

MedTest, which is a sole distributor for Mind-ray, in July launched 19 drugs of abuse reagents for use on the Mindray BS-200 Clinical Chemistry system.

Looking ahead, ElitechGroup plans to launch, within the next six months, the Envoy 500 Plus Clinical Chemistry system. It has a throughput of up to about 500 tests per hour, offers clot detection and remote diagnostics, and features a built-in LCD touchscreen, eliminating the need for an external PC.

These companies and many others supplied the information listed on pages 19–34. Readers interested in a system should confirm it has the stated features and capabilities.

—*Kristen Eberhard, associate editor*