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**INSTRUMENTATION LABORATORY LAUNCHES  
NEW GEM PREMIER CHEMSTAT™ TESTING SYSTEM WITH iQM® IN THE US**

**—Delivers Rapid, Lab-Quality Basic Metabolic Panel Results at the Point of Care—**

**Bedford, MA, March 10, 2020** – Instrumentation Laboratory (IL) today announced the commercial launch of the GEM Premier ChemSTAT *in vitro* diagnostic (IVD) analyzer with Intelligent Quality Management (iQM) in the US. The GEM Premier ChemSTAT system is a whole-blood analyzer designed for rapid basic metabolic panel (BMP) testing at the point of care, primarily in hospital Emergency Departments (EDs) and Clinical Laboratories. Providing laboratory-quality results on-demand, in less than 70 seconds, from venous or arterial lithium-heparinized, whole-blood samples, the system aids in the timely triage and management of high-risk, acutely ill patients.

“With a comprehensive menu, including Creatinine and Lactate, and delivering results in seconds, the GEM Premier ChemSTAT will revolutionize BMP testing in the ED,” said Brian Durkin, Sr VP of North American Commercial Operations at IL. “Customer response has been extremely positive. Just weeks after initial release, the system is already contracted with healthcare organizations throughout the US.”

BMP is one of the most widely ordered tests for diagnosing acute conditions, such as acute kidney injury, sepsis and septic shock, and diabetic ketoacidosis. Featuring a complete BMP panel, the GEM Premier ChemSTAT system offers Creatinine, Blood Urea Nitrogen (BUN) and measured tCO<sub>2</sub>— as well as Lactate, Hematocrit, pH, pCO<sub>2</sub>, Sodium, Potassium, Ionized Calcium, Chloride and Glucose.

To assure laboratory-quality results at the point of care, the GEM Premier ChemSTAT system integrates iQM, providing a complete picture of quality for each sample—continuously and in real-time—and automated detection, correction and documentation of any action it performs, to ensure the quality of every test result and supporting immediate patient management decisions. No competitive system offers this assurance of sample quality and compliance.

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Like all systems developed from the GEM Premier platform, the GEM Premier ChemSTAT analyzer is exceptionally easy to use. The all-in-one, multi-use GEM PAK cartridge automates the most labor- and skill-intensive processes, ideal for point-of-care testing. Stored at room temperature, GEM PAKs are simply replaced every three weeks, requiring no maintenance or additional handling. All testing components are self-contained, limiting biohazard and infection risk for operators and patients.

Additionally, GEMweb® Plus 500 Custom Connectivity enables management of all GEM Premier analyzers in a network, including the GEM Premier ChemSTAT system, for complete control of instruments, operators and data oversight from any location. GEM Premier systems, combined with GEMweb Plus 500 connectivity, deliver a complete solution for improved patient care and efficiency.

The GEM Premier ChemSTAT is not available in all countries and is not Health-Canada licensed.

### About the IL Acute Care Diagnostics Portfolio

The integrated and comprehensive IL Acute Care Diagnostics product portfolio helps clinicians and laboratorians achieve better patient outcomes, lower total cost of care, assure regulatory compliance and improve operational efficiency in hospital acute-care settings. The GEM Premier family, including GEM Premier 5000, 4000 and 3500 blood gas systems and the GEM Premier ChemSTAT system, along with Avoximeter™ portable CO-Oximeters, simplify point-of-care operations by automating key labor- and skill-intensive tasks, including quality management and system maintenance. For Whole Blood Hemostasis testing, ROTEM® viscoelastic testing systems, the Hemochron™ Signature Elite system and VerifyNow™ platelet-function testing system, inform key clinical decisions regarding transfusions, bleeding risk and anticoagulant dose adjustment during surgical and interventional procedures. From Emergency Department and Intensive Care Units to Cardiovascular Operating Rooms and Catheterization Labs, whole-blood, cartridge-based instruments with integrated data management solutions from IL address today's healthcare challenges, improving efficiency and enhancing patient care.

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Instrumentation Laboratory ([www.instrumentationlaboratory.com](http://www.instrumentationlaboratory.com)), founded in 1959, is a worldwide developer, manufacturer and distributor of *in vitro* diagnostic instruments, related reagents and controls for use primarily in hospitals and independent clinical laboratories. Based in Bedford, MA, USA, IL operates Technology Centers there, as well as in Orangeburg, NY, USA, San Diego, CA, USA, and Munich, Germany. IL is a company of Werfen, based in Barcelona (Spain). IL Acute Care Diagnostics product offerings include the GEM® Premier™ 5000 system with Intelligent Quality Management 2 (iQM®2), GEM Premier 4000 and 3500 analyzers with iQM, GEMweb® Plus 500 Custom Connectivity, GEM Premier ChemSTAT™ system, ROTEM® viscoelastic testing systems, Hemochron™ whole-blood hemostasis systems, VerifyNow™ platelet-function testing system, and Avoximeter™ CO-Oximeters. The IL Hemostasis portfolio includes new ACL TOP® Family 50 Series and ACL TOP Family of Hemostasis Testing Systems, fully automated, high-productivity analyzers, HemoCell™ Specialized Lab Automation and HemoHub™ Intelligent Data Manager. IL also offers the ACL AcuStar®, ACL Elite®, and other Hemostasis analyzers, along with the comprehensive HemosIL® line of reagents.

The Instrumentation Laboratory logo, GEM, Premier, GEM Premier ChemSTAT, GEMweb, iQM, HemosIL, ACL, ACL TOP, ACL Elite, ACL AcuStar, REDIPLAS™, RECOMBIPLAS™, SYNTHASIL™, SYNTHAFAX™, ROTEM, Hemochron, VerifyNow and Avoximeter are trademarks of Instrumentation Laboratory Company and/or one of its subsidiaries or parent companies, and may be registered in the United States Patent and Trademark Office and in other jurisdictions. All other product names, company names, marks, logos, and symbols are trademarks of their respective owners.

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