Instrumentation Laboratory
FIFTY AND FORWARD

50 years of innovation and passion.

2008
> IL introduces the **ACL TOP 500 CTS Hemostasis Testing System**, delivering 'Testing Process Automation' to mid-size labs
> IL launches the **Xpert™ HemosIL FII & FV**, for diagnostic genotyping of FII and FV Leiden mutations

2007
> IL launches the **GEM Premier 4000** critical care analyzer including integrated CO-Oximetry and advanced data management solutions
> IL enters into strategic agreement with Cepheid to develop molecular diagnostics for genetic risk of thrombosis
> IL introduces HemosIL RecombiPlasTin 2G, the second generation of one of the most widely used PT reagents in the world

2006
> IL introduces the **ACL TOP CTS** system with cap-piercing capability for closed-tube sampling
> IL introduces the **HemosIL Homocysteine**, the first fully automated Hcy assay for the Hemostasis laboratory
> IL introduces the **HemosIL Silica Clotting Time assay**, completing the panel for Lupus Anticoagulants investigation

2005
> IL introduces the **HemosIL D-Dimer HS Assay**, a new generation immunoassay to aid in the diagnosis of venous thrombosis

2004
> IL introduces the **ACL TOP®**, a fully automated, high-productivity hemostasis analyzer
> IL completes the VWD diagnostic assay panel with the introduction of HemosIL® VWF Activity, fully automated on the ACL systems

2003
> IL introduces **iQM®**, a revolutionary quality control system, for the GEM Family analyzers

2002
> IL's **GEM Premier 3000** becomes the number one selling critical care analyzer in the US

2001
> IL introduces **GEMweb®** software for instrument and data management
> IL launches the first fully automated assay for the measurement of Free Protein S Antigen on the ACL systems

1998
> IL introduces the first liquid ready-to-use APTT reagent, based on synthetic phospholipids
> IL launches the first **fully automated D-Dimer assay** for the ACL systems

1997
> IL launches **GEM® Premier™ Plus**
> IL launches **GEM PCL**, a portable coagulation analyzer
> IL becomes the first company to offer a Total System Solution throughout the hospital for blood gases, electrolytes, metabolites, CO-Oximetry and coagulation

1996
> IL acquires Mallinckrodt Sensor Systems, incorporating into IL state-of-the-art biosensors and disposable cartridge technology
> IL acquires Chromogenix, incorporating state-of-the-art technology for hemostasis testing

1989
> IL releases **IMPACT™**, the first information management system for blood gas testing

1985
> IL introduces the **ACL™ 810**, the first fully automated hemostasis analyzer

1984
> IL introduces **Multistat**, the first chemistry and coagulation centrifugal analyzer
> IL introduces the first blood gas analyzer with built-in data management systems and video displays **(IL 1312)**
> IL launches **Monarch**, the first random-access chemistry centrifugal analyzer

1977
> IL develops the **IL 282 CO-Oximeter system**

1976
> IL patents continuous calibration, a major step in assuring the quality of every blood gas test result
> IL patents perflurocarbon quality control material **(IL abc®)**
> IL introduces the analyzer to integrate continuous, real-time calibration **(IL 813)**

1972
> IL introduces **Clinicard**, the first unit-use chemistry analyzer with a full menu of tests

1967
> IL invents **CO-Oximetry** and releases the **IL 182**

1964
> IL introduces its first flame photometer **(IL 143)**

1963
> IL introduces the first blood gas analyzer for routine patient use **(IL 113)**

1959
> IL is founded near Boston, Massachusetts

1959
> IL introduces the first direct reading pH/blood gas analyzer

Werfen Group
Instrumentation Laboratory