

BD Viper ER

Molecular Diagnostic Automation Platform

Key Goals and Accomplishments

Labor and Cost Reduction Through Automation
Improved Throughput for Given Lab Size
High Performance – Sensitivity and Specificity
High Process Capability/Uniformity Over Space and Time
World Class Reliability and Confidence in Results

Approach and Tools

Critical Parameter Analysis
System Specification Development & Documentation (Database)
Module Specifications & Requirements Traceability Analysis & Documentation
Overall Project Planning & Management
Risk Management & Failure Modes & Effects Analysis

Results and Recognition

Howe Award for Technology & Product Innovation and Market Success (2006).

Demonstrated on-time project delivery and credibility.

Secured long-term relationship with nations' leading reference test lab (\$100M).

Achieved 2-Year Market Penetration of 165 Systems of an estimated market of 200 (increased to 250)

