

Analysis of Automated Microbiology Instrumentation and Strategic Profiles of Leading Suppliers

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Abstracts

This new 148-page report from Venture Planning Group reviews current instrumentation technologies, and profiles features of leading automated and semi-automated Molecular Diagnostic, Microbial Identification, Antibiotic Susceptibility, Blood Culture, Urine Screening, and Immunodiagnostic analyzers. The report also presents strategic assessments of current and emerging suppliers of microbiology products, including their sales, product portfolios, marketing tactics, technological know-how, new products in R&D, collaborative arrangements, and business strategies.

The level of automation in the microbiology laboratory has been lagging behind that of other major clinical laboratory segments, such as chemistry and hematology. The slow acceptance of the technology is in part due to the complexity of developing automation suitable for microbiology tests.

The introduction of automated microbiology instrumentation has been delayed by a number of intrinsic and technical problems. The diffusion of automated microbiology systems, once the technology was developed, has not matched that of other automated laboratory technologies. The acquisition of automation in microbiology has been slowed by forces less easily identifiable than the effects of various reimbursement plans. Some laboratorians still believe that current instrumentation is not the ultimate technology and expect better automation on the horizon.

The driving force behind the need for rapid reporting of microbiological test results is the clinical relevance in a time of financial austerity, a time when cost and health care effectiveness to the patient and diagnostician looms ever larger, and where after-the-fact results at high expense are coming under severe scrutiny worldwide.

Contains 148 pages

Contents

INTRODUCTION

1. Major Factors Affecting Market Penetration of Microbiology Instrumentation
2. Traditional Practices
3. Technological Challenges
4. Automation: Impact on the Microbiology Laboratory and the Patient

MAJOR MICROBIOLOGY AUTOMATED AND SEMIAUTOMATED SYSTEMS

1. Multiple Purpose Microbiology Systems
2. Specialized Microbiology Systems
3. Molecular Diagnostic Systems
4. Immunodiagnostic Systems

COMPETITIVE ASSESSMENTS

Abbott
Affymetrix
Agilent Technologies
Applied Gene Technologies
Arca/Nuvelo
Beckman Coulter/Danaher
Becton Dickinson
Biokit
bioMerieux
Bio-Rad
Biotest
Caliper
Cepheid
Decode
Diadexus
Diamedix
DiaSorin
Eiken Chemical
Enzo Biochem
Exact Sciences
Fujirebio/Innogenetics

Hologic/Gen-Probe
Illumina
ID Biomedical/GSK
Kreatech
Li-Cor Biosciences
Life Technology
Lonza
Monogram Biosciences
Myriad Genetics
Nanogen/Elitech
Novartis Diagnostics/Grifols
Orchid CellMark
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