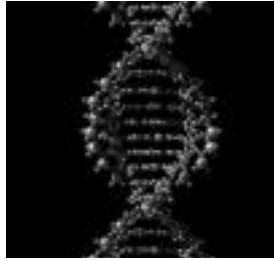




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# Automated Microbiology Market

FRANCE  
GERMANY  
ITALY  
JAPAN  
SPAIN  
UK  
USA

Contains nearly 700 pages and 200 tables

Includes a 400-page Worldwide Market Overview

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# The Automated Microbiology Market

## A Worldwide Strategic Analysis

FRANCE

GERMANY

ITALY

JAPAN

SPAIN

U.K.

U.S.A.

CONTAINS OVER 700 PAGES AND 200 TABLES

Microbiology is the last remaining major segment of the diagnostic testing market which is still largely labor-intensive. The market for automated microbiology instruments is on the verge of explosion and is expected to undergo a more radical transformation during the next ten years than at any time in the past.

Despite the long-recognized market needs for automating microbiological procedures, only the recent advances in DNA probes, biochips, monoclonal antibodies, immunoassays, new detection technologies, specimen collection devices, computers and automation have permitted the development of rapid and versatile systems. The considerable size and scope of mainly untapped opportunities are attracting growing attention of companies from both inside and outside the diagnostics industry. Many firms have already committed extensive R&D resources to the development of new automated systems.

In order to help current and potential suppliers identify emerging opportunities in the automated microbiology market in the U.S., Europe and Japan, size the competition, and develop effective business strategies, VENTURE PLANNING GROUP is currently preparing this comprehensive international market survey. The study will explore future marketing and technological trends in seven countries; provide estimates of the specimen and test volume, instrument placements and sales through the year 2015; compare features of major analyzers; profile leading competitors; and identify specific new product development and marketing opportunities facing suppliers during the next ten years.

## STUDY CONTENT

### GEOGRAPHIC COVERAGE

The study will present detailed analyses of the automated microbiology markets in the following seven countries:

- FRANCE  
- GERMANY  
- ITALY

- JAPAN  
- SPAIN

- U.K.  
- U.S.A.

In addition to individual country assessments, the study will include a **200-page** worldwide market overview. The analysis of each country will present the following information:

### BUSINESS ENVIRONMENT

The key issues of the current microbiology laboratory practice, as well as major economic, technological, regulatory, demographic, and social trends with significant market impact during the next 10 years will be explored for each of the seven countries.

### MAJOR MARKET SEGMENTS

- Hospitals  
- Commercial/Private Laboratories  
- Public Health Laboratories  
- Blood Banks

### SPECIMEN VOLUME FORECASTS

For each market segment, the study will provide the 2009-2019 volume forecasts for the following types of specimens:

- Abscess/Wound  
- Blood  
- Cerebrospinal Fluid  
- Genital Secretions  
- Respiratory Secretions  
- Saliva  
- Serum  
- Sputum  
- Stool  
- Throat Swabs  
- Urine, and others

The study will also forecast the volumes of major procedures, and analyze current market needs and future requirements for specimen collection and transport devices.

### TEST VOLUME AND SALES PROJECTIONS, 2009-2019

The study will provide the 2009-2019 test volume and consumable sales forecasts for the following applications:

- Microbial Identification  
- Antibiotic Susceptibility  
- Urine Screening  
- Blood Culture

### INSTRUMENTATION REVIEW

Over 50 analyzers, both currently marketed and those in development, will be reviewed in terms of their operating characteristics, features and selling prices.

### INSTRUMENT PLACEMENTS AND INSTALLED BASE

Estimates of placements and total installed base for major multi-purpose, specialized and immunoassay analyzers will be developed by supplier and model.

## MARKET SHARE ANALYSIS

The study will provide the sales and market share estimates for major suppliers of microbiology instruments and consumables by company, system, test application and country.

## TECHNOLOGICAL ASSESSMENT

A detailed analysis of the following technologies and their market applications will be provided:

- DNA Probes and Biochips
- Monoclonal Antibodies
- Immunoassays
- Differential Light Scattering
- Microcomputers
- Artificial Intelligence
- Automation and Robotics
- Liposomes
- Flow Cytometry
- Chromatography
- MRI
- Gel Microdroplets, and others

## MARKET NEEDS AND OPPORTUNITIES

The study will identify the major opportunities emerging in the automated microbiology market during the next ten years and propose "ideal" product models with tentative operating characteristics and prices.

## COMPETITIVE ANALYSIS

The major current and potential suppliers of microbiology products will be analyzed in terms of their sales, market shares, product portfolios, marketing tactics, technological know-how, new products in R&D, collaborative arrangements and business strategies.

Abbott	Biosite	Gene-Probe	Qiagen
Affymetrix	Biotest	Giles Scientific	Radiometer
Agen	Caliper	Inverness	Roche
Beckman Coulter	Celsis	Lonza	Shimadzu
Becton Dickinson	Cepheid	Magellan/Trek	Siemens
Binding Site	Chemunex	Mast	Thermo Fisher
Biokit	Diamedix	Nanogen	Tosoh, and others
Biomedica	Dynex Technologies	Ortho-Clinical Diagnostics	
bioMerieux	Eiken	Oxoid	
Bio-Rad	Fujirebio	PerkinElmer	

In addition, the study will provide extensive listings of companies developing or marketing microbiology instrumentation worldwide, by technology and application.

## BUSINESS OPPORTUNITIES & STRATEGIC CONCLUSIONS

- Specific new instrument opportunities.
- Alternative market penetration strategies.
- Potential market entry barriers and risks.
- Business planning issues and concerns.

## METHODOLOGY

The study is based on a combination of primary and secondary information sources, including a comprehensive worldwide survey of technical and business periodicals, manufacturer product and financial literature, and industry analyst reports. Additional information was retrieved from VENTURE PLANNING GROUP's proprietary data files, developed during the firm's over 100 syndicated studies and numerous single client assignments. This database contains current information on various health care and biotechnology markets, technologies, companies, products and executives worldwide.

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