Sterilization Equipment and Supplies - Global Strategic Business Report

Description: This report analyzes the worldwide markets for Sterilization Equipment and Supplies in US$ Thousand by the following Segments: Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization. The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Middle East, and Latin America.

Annual estimates and forecasts are provided for the period 2015 through 2022. Also, a six-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based on public domain information including company URLs. The report profiles 90 companies including many key and niche players such as -

- 3M Company
- Advanced Sterilization Products
- Andersen Products, Inc.
- Belimed AG
- Cantel Medical Corp.

Contents:

STERILIZATION EQUIPMENT AND SUPPLIES

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations
Disclaimers
Data Interpretation & Reporting Level
Quantitative Techniques & Analytics
Product Definition and Scope of Study
Product Definitions
Filtration Sterilization
Heat Sterilization
Low Temperature Sterilization
Radiation Sterilization

II. EXECUTIVE SUMMARY

1. INDUSTRY OVERVIEW
Market Snapshots
Infection Control
A Key Precautionary Measure
Sterilization Equipment Market Witnesses Rapid Growth
Comparative Analysis of Various Sterilization Methods
Developed Regions Continue to Lead, Developing Nations Turbo Charge Growth
Table 1: Global Sterilization Equipment and Supplies Market by Region (2016): Percentage Share Breakdown and CAGR for 2015-2022 (includes corresponding Graph/Chart)
Competitive Scenario
Table 2: Global Sterilization Equipment Market by Leading Players (2015E): Percentage Breakdown of Market Share for 3M, Advanced Sterilization Products, Getinge, Steris, and Others (includes corresponding Graph/Chart)
Sterilization Products of Major Players Worldwide
Global Sterilization Equipment (2015)
Market Presence of Leading Players by Segment
Low-Temperature Sterilization Gains Ground
Key Statistics
Low Temperature Central Sterilization Market
Table 3: Global Low-Temperature Central Sterilization Market by Leading Technology (2015): Percentage Breakdown of Installed Base for Hydrogen Peroxide, Ethylene Oxide, and Low-Temperature Steam and Formaldehyde (LTSF) (includes corresponding Graph/Chart)

Table 4: Global Low-Temperature Central Sterilization Market by Region (2015): Percentage Breakdown of Volume Share for Canada, Europe, United States, and Rest of World (includes corresponding Graph/Chart)

Table 5: Global Low-Temperature Central Sterilization Market by Leading Players (2015): Percentage market Share Breakdown of Volume Sales for 3M, Advanced Sterilization Products (J&J), Getinge, and Steris (includes corresponding Graph/Chart)

Select Leading Low Temperature Sterilization Equipment Manufacturers

EtO

Changing Face

Electron-beam Emerges as a Key Radiation Method

Steam Autoclaves Market Retains Growth

Emerging Technologies Bode Potential

X-Ray Technology

The Future of Radiation Sterilization

Nitrogen Dioxide Sterilization

Ultra High Pressure Homogenization

Solarclave Technology

Pulsed Light Technology for Produce Sterilization

CO2 Technology

Microwave Sterilization

UV LED Technology

2. GROWTH DRIVERS AND MARKET TRENDS

Aging Population

A Key Growth Driver

Table 6: Global Aging Population by Age Group: 1975-2050 (includes corresponding Graph/Chart)

Table 7: Aging Population by Age Group in More Developed Countries (1975-2050) (includes corresponding Graph/Chart)

Table 8: Aging Population by Age Group in Less Developed Countries (1975-2050) (includes corresponding Graph/Chart)

Table 9: 60+ Years Individuals as a Percentage of Total Population in Major Countries Worldwide: 2015, 2050, and 2100

Increasing Aged Population Segment Recording More Surgeries

Table 10: No. of Surgical Procedures in Aging Population in the US (2016-2020) (includes corresponding Graph/Chart)

Increasing Minimally Invasive Procedures Lend Traction to the Market

Growing Health Concerns Spur Demand

Table 11: Global Prevalence of HIV Infection in 2014 by Region (in Millions) (includes corresponding Graph/Chart)

Table 12: Newly Infected HIV Population in 2014 by Region (in Millions) (includes corresponding Graph/Chart)

Increasing Need to Reduce Hospital-Acquired Infections Propel Market Demand

Rising Demand for Medical Devices Augurs Well for the Market

Contract Sterilization

A Key Trend in the Sterilization Market

Players Focus on Acquisitions and Expansions to Increase Market Share

Table 13: Global Medical Device Contract Sterilization Market by Leading Players (2015): Percentage Breakdown of Value Sales for Sterigenics, Steris, In-House Sterilization, and Others (includes corresponding Graph/Chart)

Table 14: Global Medical Device Contract Sterilization Market by Type (2015 & 2020E): Percentage Breakdown of Revenue for Electron Beam, Ethylene oxide, Gamma Radiation, and Others (includes corresponding Graph/Chart)

Improving Healthcare Expenditure to Foster Growth

Table 15: Healthcare Spending as % of GDP by Region (2016E) (includes corresponding Graph/Chart)

Reprocessing of Medical Devices

A Vital Cost Saving Strategy for the Healthcare Industry

Development of Prion Deactivation Technology

Bioburden

A Key Aspect of the Sterilization Market

Biological and Chemical Indicators

Need of the Hour

Bright Prospects for Sterilization in Medical Packaging
Issues Hampering Growth
Dental Sterilization Witnesses Steady Growth
Regulatory Pressures

3. PRODUCT OVERVIEW
Types of Sterilization Methods
Filtration Sterilization
Factors Governing Use of Filtration Method
Heat Sterilization
Moist Heat Sterilization (Steam Sterilization)
Factors Governing Use of Steam Sterilization Method
Types of Steam Sterilizers
Autoclaves
Gravity Sterilizers
Vacuum Sterilizers
Steam Flush Pressure-Pulse Sterilizer
Flash Sterilizers
Factors Governing Use of Flash Sterilization Method
Dry Heat Sterilization
Factors Governing Use of Dry Heat Sterilization Method
Rapid Dry Heat Sterilization
Low temperature/Chemical Sterilization
Gaseous Chemical Sterilization
EtO Sterilization (EtO)
EtO Sterilization Process
EtO Sterilizer
Prerequisites
Factors Governing Use of EtO Sterilization Method
History of EtO Sterilization
EtO
Effective in Rooting Out Anthrax
Advantages
ETO to Sterilize Wound Dressing Grade of Chitosan Membranes
Limitations
Peracetic Acid Vapor
Properties of Peracetic Acid
Factors Governing Use of Peracetic Acid Sterilization Method
Hydrogen Peroxide
Hydrogen Peroxide Gas Plasma
Factors Governing Use of Gas Plasma Sterilization Method
Vapour-phase hydrogen peroxide
Ozone Sterilization
Factors Governing Use of Ozone Sterilization
Chlorine Dioxide
Factors Governing Use of Chlorine Sterilization Method
Liquid Chemical Sterilization
Formaldehyde
Factors Governing Use of Formaldehyde Sterilization Method
Glutaraldehyde
Factors Governing Use of Glutaraldehyde Sterilization Method
Heated Chemical Vapor Sterilization
Radiation Sterilization
Factors Governing the Use of Radiation Sterilization Method
History of Radiation Sterilization
Types of Radiation Sterilization
Electromagnetic Radiations
Gamma Sterilization
Gamma Radiation Process
Factors Governing Use of Gamma Sterilization Method
History of Gamma Sterilization
Advantages & Limitations
Comparative Study of Gamma Radiation and EtO Sterilization Technologies
X-Ray Sterilization
Factors Governing Use of X-Ray Sterilization Method
Particle Radiations
Electron-beam (E-beam) Sterilization
Prerequisites for E-Beam Sterilization Process
Factors Governing Use of E-beam Sterilization Method
E-Beam Sterilization
Evolution
Limitations
Advantages
Gamma and E-beam Sterilization
Sharing Similarities
Benefits of Using Gamma and E-beam Methods
Factors Hindering Use
Selecting Appropriate Sterilization Equipment
Select Sterilization Supplies
A Review
Sterilization Wraps
Sterilization Containers
Uses
Drawbacks
Sterilization Trays
Sterilization Pouches
Sterilization Tapes
Sterilization Indicators
End-Use Application Overview
Sterilization Methods Used for Different Product Categories
Medical Application
Non-Medical Application
Non-Medical Sterilization: Comparison of Various Sterilization Methods

4. PRODUCT INTRODUCTIONS AND LAUNCHES
Steris Corp Launces Medium Steam Sterilizer
TSO3 Inc. Launces STERIZONE® VP4 Sterilizer
Bosch Introduces New HQL Sterilization Tunnel Series
Krones Launches Contiform Aseptic Filler
Advanced Sterilization Products Introduces STERRAD® with DUO Cycle
Spectrum Surgical Launches Surgical Instrument Sterilization & Storage Trays
Kimberly-Clark Introduces KIMGUARD KC100 Sterilization Wraps
Midbrook Medical Launches Medicount Adenosine Triphosphate Testing System
Qosina Launches New Breathable Pouches
Hu-Friedy Introduces Steam Sterilization Integrator
Bosch Packaging Technology Develops ADV Sterilizer
Bosch Packaging Technology Introduces Sterilizer ADV Machine
3M Purification Launches New LifeASSURE™ PDA Range of Sterilizing Grade PES Membrane Filters
Playtex Introduces Pacifier-Sterilizing Case
Kimberly-Clark Reveals Smart-Fold Sterilization Wrap
Getinge Unveils HS66 Turbo-Sterilizer in China

5. RECENT INDUSTRY ACTIVITY
Getinge Acquires Stericool Company, Forays into Low Temperature Market
Steris Corp. Acquires Synergy Health Plc., Forms Steris Plc.
Sterigenics Acquires Companhia Brasileira de Esterilização (CBE)
Sterigenics International Acquires Food Technology Service
Sterigenics Completes Acquisition of Nordion
Sterigenics Acquires Gammarad
UP Acquires Semetron
Noxilizer Takes Over Certain Assets of SAIAN
Medline Industries Obtains FDA 510(k) Approval for Gemini Sterilization Wrap
Cantel Medical Takes Over SPSmedical Supply Corp.
Synergy Health Inks Definitive Merger Agreement with SRI/ Surgical Express
Amerinet Inks Agreement with Propper Manufacturing
Hitachi Zosen and Advanced Electron Beams Ink Agreement
DuPont Protection Technologies Selects Nelson Laboratories
Eniware and Noxilizer Enter into Agreement
Amerinet and ISO-MED Ink Agreement
Nordion and Synergy Health Enter into Agreement
JBT FoodTech Obtains Rotary Sterilization Technology Contract
Synergy Health Establishes Ethylene Oxide Sterilization Plant in Costa Rica
Eniware Receives Global License from Noxilizer to Develop Power-free Sterilization Solutions
Noxilizer Receives Order for RTS 360 Industrial NO2 Sterilizer from Catheter Research
Honeywell Discontinues Oxyfume® Ethylene Oxide Sterilant Blends Product Range
Chemogas Acquires Inventec's Global Ethylene Oxide Business
Kimberly-Clark Obtains FDA Approval for KIMGUARD ONE-STEP Sterilization Wrap
JBT FoodTech Takes Over Rotary Sterilization Technology from H.G. Molenaar
Synergy Health Acquires MSI Surgical Solutions

6. FOCUS ON SELECT GLOBAL PLAYERS
3M Company (USA)
Advanced Sterilization Products (USA)
Andersen Products, Inc. (USA)
Belimed AG (Switzerland)
Cantel Medical Corp. (USA)
Cardinal Health, Inc. (USA)
Getinge AB (Sweden)
Matachana Group
SteriGenics International, Inc. (USA)
Nordion, Inc. (Canada)
Sakura SI Co., Ltd.
Sterile Technologies, Inc. (US)
Steris Plc. (UK)
TSO3, Inc. (Canada)
Tuttnauer Company (USA)

7. GLOBAL MARKET PERSPECTIVE
Table 16: World Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin American Markets
Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 17: World Historic Review for Sterilization Equipment and Supplies by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin American Markets
Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 18: World 15-Year Perspective for Sterilization Equipment and Supplies by Geographic Region
Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin American Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)
Table 19: World Recent Past, Current & Future Analysis for Filtration Sterilization Equipment and Supplies by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin American Markets
Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 20: World Historic Review for Filtration Sterilization Equipment and Supplies by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin American Markets
Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 21: World 15-Year Perspective for Filtration Sterilization Equipment and Supplies by Geographic Region
Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin American Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)
Table 22: World Recent Past, Current & Future Analysis for Heat Sterilization Equipment and Supplies by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin American Markets
Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 23: World Historic Review for Heat Sterilization Equipment and Supplies by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin American Markets
Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 24: World 15-Year Perspective for Heat Sterilization Equipment and Supplies by Geographic Region Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin American Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)
Table 25: World Recent Past, Current & Future Analysis for Low-Temperature Sterilization Equipment and Supplies by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin American Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 26: World Historic Review for Low-Temperature Sterilization Equipment and Supplies by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin American Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 27: World 15-Year Perspective for Low-Temperature Sterilization Equipment and Supplies by Geographic Region Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin American Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)
Table 28: World Recent Past, Current & Future Analysis for Radiation Sterilization Equipment and Supplies by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin American Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 29: World Historic Review for Radiation Sterilization Equipment and Supplies by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin American Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 30: World 15-Year Perspective for Radiation Sterilization Equipment and Supplies by Geographic Region Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin American Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

III. MARKET

1. THE UNITED STATES
A. Market Analysis
United States: The Single Largest Market
Table 31: Per Capita Healthcare Expenditure in the US (in US$): 2015-2020 (includes corresponding Graph/Chart)
Table 32: Hospital Admissions in the US (in Thousand) (includes corresponding Graph/Chart)
Infection Control Takes Precedence in the US
Table 33: Healthcare Associated Infections in the US (in Thousand) (includes corresponding Graph/Chart)
Ageing Demographics: A Key Market Driver
Table 34: North American Elderly Population by Age Group: 1975-2050 (includes corresponding Graph/Chart)
Increasing Number of Surgical Procedures
A Potential Revenue Generator
Table 35: Surgical Procedures in the US (in Thousand) (includes corresponding Graph/Chart)
Endoscopes Fuel Sterilization Market
Budgetary Challenges of the Healthcare System to Benefit Contract Sterilization
Trends in Medical Packaging
MATS Gains Second FDA Approval
Competitive Scenario
Table 36: The US Sterilization Equipment and Supplies Market by Leading Players (2015): Market Share Breakdown of Revenues for Advanced Sterilization Products, Getinge, Steris Corporation, and Others (includes corresponding Graph/Chart)
US Sterilization Supplies
Table 37: The US Sterilization Supplies Market by Type: Annual Sales Estimates and Forecasts in US$ Thousands for the Years 2013 through 2020 (includes corresponding Graph/Chart)
Regulatory Scenario
Product Launches
Select Major Players
B. Market Analytics
Table 38: The US Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 39: The US Historic Review for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 40: The US 15-Year Perspective for Sterilization Equipment and Supplies by Segment
Percentage Breakdown of Revenues for Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

2. CANADA
A. Market Analysis
Product Launch
Strategic Corporate Development
Select Major Players
B. Market Analytics
Table 41: Canadian Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 42: Canadian Historic Review for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 43: Canadian 15-Year Perspective for Sterilization Equipment and Supplies by Segment
Percentage Breakdown of Revenues for Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

3. JAPAN
A. Market Analysis
Graying Population Spurs Growth
Table 44: Japanese Elderly (65+ Years) Population: 2000-2020 (includes corresponding Graph/Chart)
Falling Prices Characterize Japanese Sterilizers Market
Strategic Corporate Development
B. Market Analytics
Table 45: Japanese Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 46: Japanese Historic Review for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 47: Japanese 15-Year Perspective for Sterilization Equipment and Supplies by Segment
Percentage Breakdown of Revenues for Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

4. EUROPE
A. Market Analysis
Europe
The Largest Region for Sterilization Equipment and Supplies
Ageing Population Drives the Demand for Sterilization Equipment
Table 48: European Country-wise Statistics of 60+ Population as % of Total Population: 2013 (includes corresponding Graph/Chart)
Medical Device Sterilization
Current Scenario
B. Market Analytics
Table 49: European Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Geographic Region
France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 50: European Historic Review for Sterilization Equipment and Supplies by Geographic Region
France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 51: European 15-Year Perspective for Sterilization Equipment and Supplies by Geographic Region
Percentage Breakdown of Revenues for France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)
Table 52: European Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 53: European Historic Review for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 54: European 15-Year Perspective for Sterilization Equipment and Supplies by Segment
Percentage Breakdown of Revenues for Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

4a. FRANCE
A. Market Analysis
Strategic Corporate Development
B. Market Analytics
Table 55: French Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 56: French Historic Review for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 57: French 15-Year Perspective for Sterilization Equipment and Supplies by Segment
Percentage Breakdown of Revenues for Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

4b. GERMANY
Market Analysis
Table 58: German Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 59: German Historic Review for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 60: German 15-Year Perspective for Sterilization Equipment and Supplies by Segment
Percentage Breakdown of Revenues for Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

4c. ITALY
A. Market Analysis
Strategic Corporate Development
B. Market Analytics
Table 61: Italian Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 62: Italian Historic Review for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 63: Italian 15-Year Perspective for Sterilization Equipment and Supplies by Segment
Percentage Breakdown of Revenues for Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

4d. THE UNITED KINGDOM
A. Market Analysis
Hospitals Depend On Outsourcing for Sterilization
Strategic Corporate Development
Steris Plc.
A Key Player
B. Market Analytics
Table 64: The UK Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 65: The UK Historic Review for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 66: The UK 15-Year Perspective for Sterilization Equipment and Supplies by Segment
Percentage Breakdown of Revenues for Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

4e. SPAIN
Market Analysis
Table 67: Spanish Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 68: Spanish Historic Review for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 69: Spanish 15-Year Perspective for Sterilization Equipment and Supplies by Segment
Percentage Breakdown of Revenues for Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

4f. RUSSIA
Market Analysis
Table 70: Russian Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 71: Russian Historic Review for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 72: Russian 15-Year Perspective for Sterilization Equipment and Supplies by Segment
Percentage Breakdown of Revenues for Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

4g. REST OF EUROPE
A. Market Analysis
Strategic Corporate Development
Select Major Players
B. Market Analytics
Table 73: Rest of Europe Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 74: Rest of Europe Historic Review for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 75: Rest of Europe 15-Year Perspective for Sterilization Equipment and Supplies by Segment
Percentage Breakdown of Revenues for Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

5. ASIA-PACIFIC
A. Market Analysis
Increasing Life Expectancy Drives Number of Surgeries
India & China Offer Significant Growth Opportunities
Table 76: China and India Lead Global Population (July 2013): Table Depicting China and India's Huge Population Vis-a-vis Other Countries' Population (in Million) by Age Group (includes corresponding Graph/Chart)
B. Market Analytics
Table 77: Asia-Pacific Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Geographic Region
China, India, and Rest of Asia-Pacific Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 78: Asia-Pacific Historic Review for Sterilization Equipment and Supplies by Geographic Region
China, India, and Rest of Asia-Pacific Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 79: Asia-Pacific 15-Year Perspective for Sterilization Equipment and Supplies by Geographic Region
Percentage Breakdown of Revenues for China, India, and Rest of Asia-Pacific Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)
Table 80: Asia-Pacific Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 81: Asia-Pacific Historic Review for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 82: Asia-Pacific 15-Year Perspective for Sterilization Equipment and Supplies by Segment
Percentage Breakdown of Revenues for Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

5a. CHINA
A. Market Analysis
Product Launch
B. Market Analytics
Table 83: Chinese Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)
corresponding Graph/Chart)
Table 84: Chinese Historic Review for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets
Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 85: Chinese 15-Year Perspective for Sterilization Equipment and Supplies by Segment
Percentage Breakdown of Revenues for Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

5b. INDIA
Market Analysis
Table 86: Indian Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets
Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 87: Indian Historic Review for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets
Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 88: Indian 15-Year Perspective for Sterilization Equipment and Supplies by Segment
Percentage Breakdown of Revenues for Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

5c. REST OF ASIA-PACIFIC
Market Analysis
Table 89: Rest of Asia-Pacific Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets
Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 90: Rest of Asia-Pacific Historic Review for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets
Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 91: Rest of Asia-Pacific 15-Year Perspective for Sterilization Equipment and Supplies by Segment
Percentage Breakdown of Revenues for Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

6. THE MIDDLE EAST & AFRICA
A. Market Analysis
A Review of Select Sterilization Market in Select Countries
Strategic Corporate Development
B. Market Analytics
Table 92: The Middle East & Africa Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets
Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 93: The Middle East & Africa Historic Review for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets
Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 94: The Middle East & Africa 15-Year Perspective for Sterilization Equipment and Supplies by Segment
Percentage Breakdown of Revenues for Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

7. LATIN AMERICA
A. Market Analysis
Strategic Corporate Development
B. Market Analytics

Table 95: Latin American Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Region
Brazil & Rest of Latin American Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

Table 96: Latin American Historic Review for Sterilization Equipment and Supplies by Region
Brazil & Rest of Latin American Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

Table 97: Latin American 15-Year Perspective for Sterilization Equipment and Supplies by Region
Percentage Breakdown of Revenues for Brazil & Rest of Latin American Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

Table 98: Latin American Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

Table 99: Latin American Historic Review for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

Table 100: Latin American 15-Year Perspective for Sterilization Equipment and Supplies by Segment
Percentage Breakdown of Revenues for Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

7a. BRAZIL
Market Analysis

Table 101: Brazilian Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

Table 102: Brazilian Historic Review for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

Table 103: Brazilian 15-Year Perspective for Sterilization Equipment and Supplies by Segment
Percentage Breakdown of Revenues for Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

7b. REST OF LATIN AMERICA
Market Analysis

Table 104: Rest of Latin America Recent Past, Current & Future Analysis for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

Table 105: Rest of Latin America Historic Review for Sterilization Equipment and Supplies by Segment
Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets Independently Analyzed with Annual Revenues in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

Table 106: Rest of Latin America 15-Year Perspective for Sterilization Equipment and Supplies by Segment
Percentage Breakdown of Revenues for Filtration Sterilization, Heat Sterilization, Low Temperature Sterilization, and Radiation Sterilization Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 90 (including Divisions/Subsidiaries 103)
The United States (46)
Canada (4)
Japan (8)
Europe (35)
- Germany (11)
- The United Kingdom (8)
- Italy (6)
- Spain (3)
- Rest of Europe (7)
Asia-Pacific (Excluding Japan) (9)
Latin America (1)

Ordering:

Order Online - http://www.researchandmarkets.com/reports/338875/

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Sterilization Equipment and Supplies - Global Strategic Business Report
Web Address: http://www.researchandmarkets.com/reports/338875/
Office Code: SC

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Format Type</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) -</td>
<td>Single User</td>
<td>USD 4950</td>
</tr>
<tr>
<td>1 - 5 Users:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electronic (PDF) -</td>
<td>1 - 5 Users:</td>
<td>USD 6930</td>
</tr>
<tr>
<td>1 - 10 Users:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electronic (PDF) -</td>
<td>1 - 10 Users:</td>
<td>USD 9405</td>
</tr>
<tr>
<td>1 - 15 Users:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electronic (PDF) -</td>
<td>1 - 15 Users:</td>
<td>USD 11880</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
First Name: ______________________ Last Name: ______________________
Email Address: * ______________________
Job Title: ______________________
Organisation: ______________________
Address: ______________________
City: ______________________
Postal / Zip Code: ______________________
Country: ______________________
Phone Number: ______________________
Fax Number: ______________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by Wire Transfer: Bank details will be provided on the invoice which you will receive after you place your order with us.

If you have a Marketing Code please enter it below:

Marketing Code: ________________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World