

# **Carbondioxide Incubators: Market Research Report**

https://marketpublishers.com/r/C10CD4AC1EBEN.html Date: January 2011 Pages: 181 Price: US\$ 4,500.00 (Single User License) ID: C10CD4AC1EBEN

# **Abstracts**

This report analyzes the worldwide markets for Carbon Dioxide Incubators in Units and Value (US\$ Thousand).

The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, and Latin America.

Annual estimates and forecasts are provided for the period 2007 through 2015.

Also, a seven-year historic analysis is provided for these markets.

The report profiles 29 companies including many key and niche players such as Bellco Glass, Inc., Binder GmbH, Espec Corp., Memmert GmbH+Co.KG, New Brunswick Scientific Co Inc., NuAire Inc., Sanyo Biomedical, Sheldon Manufacturing Inc., SP Industries, Inc., and Thermo Fisher Scientific, Inc.

Market data and analytics are derived from primary and secondary research.

Company profiles are mostly extracted from URL research and reported select online sources.



## Contents

#### **1.INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS**

Study Reliability and Reporting Limitations Disclaimers Data Interpretation & Reporting Level Quantitative Techniques & Analytics Product Definitions and Scope of Study

#### 2.OUTLOOK & MARKET ANALYSIS

Incubator Market Heats Up Global Carbon Dioxide Incubators Market Analysis Analysis by Volume Analysis by Value Focus on Life Science Research Drives Growth Competitive Landscape Market Shares of Leading Players – A Recent Past Analysis

**Table 1.** Leading Players in the Worldwide CO2 Incubators Market (2003-2005):Percentage Breakdown of Value Sales for Thermo Electron, Jouan, Apogent/Fisher,Sheldon, Kendro, NuAire and Others (includes corresponding Graph/Chart)

Incubator Brands Offered by Select Major Companies

#### **3.PRODUCT OVERVIEW**

CO2 Incubators – An Essential Item in Research Labs Standard Features Reliable Cell Culture Environment Cell Culture CO2 Control Methods: Infrared Vs. Thermal Conductivity – A Comparison Key Parameters – An In-Depth Insight CO2 Control Infrared CO2 Incubators Thermal Conductivity CO2 Incubators Temperature Control



Water-Jacketed CO2 Incubators Radiant Walled CO2 Incubators **Contamination Reduction HEPA Filters CO2 Incubators** Copper-Lined Chambers CO2 Incubators Others Air Jacketed CO2 Incubators **Review of Select Incubators** Series II 3110 Water Jacketed Incubator NU-5510 DHD AutoFlow Incubator Galaxy Range of CO2 Incubators SHEL LAB Model 3517 CO2 Incubator Napco 6001 Series CO2 Incubators NAPCO 6500 Water-Jacketed CO2 Incubator Other Types of Biomedical Laboratory Incubators **Bacteriological Incubators Cooled Incubators** 

## 4.CELL CULTURE: AN INSIGHT

Overview Cell and Tissue Trends Surging Demand for Cell Culture Products Proteomics and Pharmacokinetics Drive Market Growth Other Trends Market Scenario Industrial vs. Academic **Biotech Industry Regional Perspective** A Physiological Discussion Cell Culture Contamination – A Looming Problem Major Cell Culture Contaminants **Chemical Contaminants** Types and Sources of Potential Chemical Contaminants Various Sources of Chemical Contamination **Biological Contaminants** Varied Sources of Biological Contamination Consequences/Problems of Contamination



Controlling Cell Culture Contamination Measures Aimed at Reducing Contamination Problems Other Measures that Need to be Followed Include

## **5.PRODUCT LAUNCHES**

Caron Launches Benchtop CO2 Incubator Thermo Fisher to Launch Midi 40 CO2 Incubator Olympus Unveils VivaView MG Incubator Microscope Esco Unveils CelCulture® CO2 Incubators NBS Unveils Galaxy® Range of CO2 Incubators Esco Delivers CO2 Incubators for Beta Test SANYO Launches New Incubator for Large- Volume Applications Caron Launches New Incubator

## 6.PRODUCT LAUNCHES IN THE RECENT PAST- A PERSPECTIVE BUILDER

BINDER Launches C 150 CO2 Incubator Thermo Fisher Scientific Introduces Series 8000 CO2 Incubators Midsci/Binder Launches New CO2 Incubator for Cell Cultivation Nikon Instruments Offers Incubator and Inverted Microscope in a Single Unit Thermo Fisher Scientific Introduces AquaTec Water Preservation Cell Sheldon Manufacturing Launches New SHEL LAB CO2 Incubator **MIDSCI Introduces IR CO2 Sensors** BINDER Offers Patented Intelligent Fail-Safe System for CO2 Concentration New Brunswick Unveils Innova CO-14 Sheldon Launches SHEL LAB 3500 series ESPEC Introduces CO2 Incubator with Dry-Heat Sterilization Kendro Widens CO2 Incubator Product Line Sanyo Introduces Personal Series CO2 Incubator Kendro Introduces Heraeus® HERAcell® 150 CO2 Incubator RS Biotech Unveils MiniGalaxy CO2 Incubators Thermo Orion Launches Carbon Dioxide Incubators PRO Scientific Launches Memmert Incubators29Kendro Unveils HERAcell 240 CO2 Incubator Thermo Forma Releases HEPA2<sup>™</sup> VOC Filter Sanyo Gallenkamp Launches Carbon dioxide Incubators **VWR Launches Shaking Incubator** New Stackable Incubator Line from New Brunswick Scientific



Cole-Parmer Introduces CO2 Incubator Barnstead International Debuts Lab-Line Imperial III Incubator Binder/Brinkmann Introduces Microprocessor Controlled CO2 Incubators NuAire Launches Carbondioxide Incubators Thermo Forma Unveils Steri-Cycle CO2 Incubator NuAire Unveils 8000 Series IR Autoflow CO2 Incubators

## 7.CORPORATE ACTIVITY IN THE CO2 INCUBATOR MARKET

Eppendorf Completes New Brunswick Scientific Acquisition Thermo Electron Merges with Fisher Scientific **Thermo Electron Acquires Kendro** Thermo Electron Corporation Takes Over Jouan SA Apogent Technologies Merges with Fisher Scientific New Brunswick Scientific Purchases RS Biotech Laboratory Sanyo Receives FDA Approval MCO-Series CO2 Incubators **Barnstead International Revamps Operations** SPX Acquires Kendro Laboratory Products Thermoforma Direct Heat CO2 Incubators Receive FDA Approval Jouan Opens Office in China Jouan Starts Jouan Nederland B.V Kendro Laboratory Bags Approval for Heraeus HERAcell CO2 Incubator Jouan Acquires Heto-Holten Jouan Acquires GIRA Jouan Creates Quality Management Division

## **8.FOCUS ON SELECT GLOBAL PLAYERS**

Bellco Glass, Inc. (USA) Binder GmbH (Germany) Espec Corp. (Japan) Memmert GmbH+Co.KG (Germany) New Brunswick Scientific Co., Inc. (USA) NuAire, Inc. (USA) Sanyo Biomedical (Division of Sanyo Commercial Solutions) (Japan) Sheldon Manufacturing, Inc. (USA) SP Industries, Inc. (USA) Thermo Fisher Scientific, Inc. (USA)



#### 9.GLOBAL MARKET PERSPECTIVE

**Volume Analytics** 

**Table 2.** World Recent Past, Current & Future Market Analysis for CO2 Incubators by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan) and Latin America Independently Analyzed with Annual Sales Figures in units for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 3.** World Historic Review for CO2 Incubators by Geographic Region – US,Canada, Japan, Europe, Asia-Pacific (excluding Japan) and Latin AmericaIndependently Analyzed with Annual Sales Figures in units for Years 2000 through 2006(includes corresponding Graph/Chart)

**Table 4.** World 11-Year Perspective for CO2 Incubators by Geographic Region –Percentage Breakdown of Unit Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan) and Latin America Markets for Years 2005, 2010 & 2015 (includes corresponding Graph/Chart)

Value Analytics

**Table 5.** World Recent Past, Current & Future Market Analysis for CO2 Incubators by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan) and Latin America Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 6.** World Historic Review for CO2 Incubators by Geographic Region – US,Canada, Japan, Europe, Asia-Pacific (excluding Japan) and Latin AmericaIndependently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2000through 2006 (includes corresponding Graph/Chart)

**Table 7.** World 11-Year Perspective for CO2 Incubators by Geographic Region –Percentage Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), and Latin America Markets for Years 2005, 2010 & 2015 (includes corresponding Graph/Chart)

#### **10.UNITED STATES**



#### A. MARKET ANALYSIS

Overview Largest Market for CO2 Incubators By Volume By Value Pricing Prices of CO2 Incubator Models of Select Manufacturers Life Science Research in the US

#### **B. MARKET ANALYTICS**

Volume Analytics

**Table 8.** US Recent Past, Current & Future Analysis for CO2 Incubators – Annual SalesFigures in units for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 9.** US Historic Review for CO2 Incubators - Annual Sales Figures in units forYears 2000 through 2006 (includes corresponding Graph/Chart)

Value Analytics

**Table 10.** The US Recent Past, Current & Future Analysis for CO2 Incubators - AnnualSales Figures in US\$ Thousand for Years 2007 through 2015 (includes correspondingGraph/Chart)

**Table 11.** The US Historic Review for CO2 Incubators - Annual Sales Figures in US\$Thousand for Years 2000 through 2006 (includes corresponding Graph/Chart)

#### 11.CANADA

#### A. MARKET ANALYSIS

By Volume By Value Overview

Carbondioxide Incubators: Market Research Report



## **B. MARKET ANALYTICS**

**Volume Analytics** 

**Table 12.** Canadian Recent Past, Current & Future Analysis for CO2 Incubators -Annual Sales Figures in units for Years 2007 through 2015 (includes correspondingGraph/Chart)

**Table 13.** Canadian Historic Review for CO2 Incubators - Annual Sales Figures in unitsfor Years 2000 through 2006 (includes corresponding Graph/Chart)

Value Analytics

**Table 14.** Canadian Recent Past, Current & Future Analysis for CO2 Incubators -Annual Sales Figures in US\$ Thousand for Years 2007 through 2015 (includescorresponding Graph/Chart)

**Table 15.** Canadian Historic Review for CO2 Incubators - Annual Sales Figures in US\$Thousand for Years 2000 through 2006 (includes corresponding Graph/Chart)

#### 12.JAPAN

#### A. MARKET ANALYSIS

By Volume By Value

## **B. MARKET ANALYTICS**

**Volume Analytics** 

**Table 16.** Japanese Recent Past, Current & Future Analysis for CO2 Incubators -Annual Sales Figures in units for Years 2007 through 2015 (includes correspondingGraph/Chart)



**Table 17.** Japanese Historic Review for CO2 Incubators - Annual Sales Figures in units for Years 2000 through 2006 (includes corresponding Graph/Chart)

Value Analytics

**Table 18.** Japanese Recent Past, Current & Future Analysis for CO2 Incubators -Annual Sales Figures in US\$ Thousand for Years 2007 through 2015 (includescorresponding Graph/Chart)

**Table 19.** Japanese Historic Review for CO2 Incubators - Annual Sales Figures in US\$Thousand for Years 2000 through 2006 (includes corresponding Graph/Chart)

#### **13.EUROPE**

#### A. MARKET ANALYSIS

By Volume By Value

## **B. MARKET ANALYTICS**

Volume Analytics

**Table 20.** European Recent Past, Current & Future Analysis for CO2 Incubators byGeographic Region – France, Germany, Italy, UK & Rest of Europe MarketsIndependently Analyzed with Annual Sales Figures in Units for Years 2007 through2015 (includes corresponding Graph/Chart)

**Table 21.** European Historic Review for CO2 Incubators by Geographic Region – France, Germany, Italy, UK & Rest of Europe Markets Independently Analyzed with Annual Sales Figures in Units for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 22.** European 11-Year Perspective for CO2 Incubators by Geographic Region –Percentage Breakdown of Unit Sales for France, Germany, Italy, UK & Rest of EuropeMarkets for Years 2005, 2010 & 2015 (includes corresponding Graph/Chart)



Value Analytics

**Table 23.** European Recent Past, Current & Future Analysis for CO2 Incubators byGeographic Region – France, Germany, Italy, UK & Rest of Europe MarketsIndependently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2007through 2015 (includes corresponding Graph/Chart)

**Table 24.** European Historic Review for CO2 Incubators by Geographic Region – France, Germany, Italy, UK & Rest of Europe Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 25.** European 11-Year Perspective for CO2 Incubators by Geographic Region –Percentage Breakdown of Dollar Sales for France, Germany, Italy, UK & Rest of EuropeMarkets for Years 2005, 2010 & 2015 (includes corresponding Graph/Chart)

## 13A.FRANCE

## A. MARKET ANALYSIS

By Volume By Value

## **B. MARKET ANALYTICS**

**Volume Analytics** 

**Table 26.** French Recent Past, Current & Future Analysis for CO2 Incubators - AnnualSales Figures in units for Years 2007 through 2015 (includes correspondingGraph/Chart)

**Table 27.** French Historic Review for CO2 Incubators - Annual Sales Figures in units forYears 2000 through 2006 (includes corresponding Graph/Chart)

Value Analytics



**Table 28.** French Recent Past, Current & Future Analysis for CO2 Incubators - AnnualSales Figures in US\$ Thousand for Years 2007 through 2015 (includes correspondingGraph/Chart)

**Table 29.** French Historic Review for CO2 Incubators - Annual Sales Figures in US\$Thousand for Years 2000 through 2006 (includes corresponding Graph/Chart)

## 13B.GERMANY

## A. MARKET ANALYSIS

By Volume By Value Life Science Research Scenario

## **B. MARKET ANALYTICS**

**Volume Analytics** 

**Table 30.** German Recent Past, Current & Future Analysis for CO2 Incubators - AnnualSales Figures in units for Years 2007 through 2015 (includes correspondingGraph/Chart)

**Table 31.** German Historic Review for CO2 Incubators - Annual Sales Figures in unitsfor Years 2000 through 2006 (includes corresponding Graph/Chart)

Value Analytics

**Table 32.** German Recent Past, Current & Future Analysis for CO2 Incubators - AnnualSales Figures in US\$ Thousand for Years 2007 through 2015 (includes correspondingGraph/Chart)

**Table 33.** German Historic Review for CO2 Incubators - Annual Sales Figures in US\$Thousand for Years 2000 through 2006 (includes corresponding Graph/Chart)

## 13C.ITALY



## A. MARKET ANALYSIS

By Volume By Value

## **B. MARKET ANALYTICS**

Volume Analytics

**Table 34.** Italian Recent Past, Current & Future Analysis for CO2 Incubators - AnnualSales Figures in units for Years 2007 through 2015 (includes correspondingGraph/Chart)

**Table 35.** Italian Historic Review for CO2 Incubators - Annual Sales Figures in units forYears 2000 through 2006 (includes corresponding Graph/Chart)

Value Analytics

**Table 36.** Italian Recent Past, Current & Future Analysis for CO2 Incubators - AnnualSales Figures in US\$ Thousand for Years 2007 through 2015 (includes correspondingGraph/Chart)

**Table 37.** Italian Historic Review for CO2 Incubators - Annual Sales Figures in US\$Thousand for Years 2000 through 2006 (includes corresponding Graph/Chart)

## **13D.THE UNITED KINGDOM**

#### A. MARKET ANALYSIS

Overview By Volume By Value

## **B. MARKET ANALYTICS**

**Volume Analytics** 



**Table 38.** UK Recent Past, Current & Future Analysis for CO2 Incubators - AnnualSales Figures in units for Years 2007 through 2015 (includes correspondingGraph/Chart)

**Table 39.** UK Historic Review for CO2 Incubators - Annual Sales Figures in units forYears 2000 through 2006 (includes corresponding Graph/Chart)

Value Analytics

**Table 40.** UK Recent Past, Current & Future Analysis for CO2 Incubators - AnnualSales Figures in US\$ Thousand for Years 2007 through 2015 (includes correspondingGraph/Chart)

**Table 41.** UK Historic Review for CO2 Incubators - Annual Sales Figures in US\$Thousand for Years 2000 through 2006 (includes corresponding Graph/Chart)

## 13E.REST OF EUROPE

#### A. MARKET ANALYSIS

By Volume By Value

#### **B. MARKET ANALYTICS**

**Volume Analytics** 

**Table 42.** Rest of Europe Market for CO2 Incubators – Recent Past, Current & FutureAnalysis with Annual Sales Figures in Units for Years 2000 through 2010 (includescorresponding Graph/Chart)

**Table 43.** Rest of Europe Historic Review for CO2 Incubators - Annual Sales Figures inunits for Years 2000 through 2006 (includes corresponding Graph/Chart)

Value Analytics



**Table 44.** Rest of Europe Market for CO2 Incubators – Recent Past, Current & FutureAnalysis with Annual Sales Figures in US\$ Thousand for Years 2000 through 2010(includes corresponding Graph/Chart)

**Table 45.** Rest of Europe Historic Review for CO2 Incubators - Annual Sales Figures inUS\$ Thousand for Years 2000 through 2006 (includes corresponding Graph/Chart)

## 14.ASIA-PACIFIC

## A. MARKET ANALYSIS

By Volume By Value Biotechnology Industry in Select Asian Countries India The Market for CO2 Incubators in India The Growth The Market Size The Market Players China

## **B. MARKET ANALYTICS**

**Volume Analytics** 

**Table 46.** Asia-Pacific Market for CO2 Incubators – Recent Past, Current & FutureAnalysis with Annual Sales Figures in Units for Years 2007 through 2015 (includescorresponding Graph/Chart)

**Table 47.** Asia-Pacific Historic Review for CO2 Incubators - Annual Sales Figures inunits for Years 2000 through 2006 (includes corresponding Graph/Chart)

Value Analytics

**Table 48.** Asia-Pacific Market for CO2 Incubators – Recent Past, Current & Future

 Analysis with Annual Sales Figures in US\$ Thousand for Years 2000 through 2010



(includes corresponding Graph/Chart)

**Table 49.** Asia-Pacific Historic Review for CO2 Incubators - Annual Sales Figures inUS\$ Thousand for Years 2000 through 2006 (includes corresponding Graph/Chart)

#### **15.LATIN AMERICA**

#### A. MARKET ANALYSIS

By Volume By Value

#### **B. MARKET ANALYTICS**

Volume Analytics

**Table 50.** Latin American Market for CO2 Incubators – Recent Past, Current & FutureAnalysis with Annual Sales Figures in Units for Years 2007 through 2015 (includescorresponding Graph/Chart)

**Table 51.** Latin America Historic Review for CO2 Incubators - Annual Sales Figures in units for Years 2000 through 2006 (includes corresponding Graph/Chart)

Value Analytics

**Table 52.** Latin American Market for CO2 Incubators – Recent Past, Current & FutureAnalysis with Annual Sales Figures in US\$ Thousand for Years 2000 through 2010(includes corresponding Graph/Chart)

**Table 53.** Latin American Historic Review for CO2 Incubators - Annual Sales Figures inUS\$ Thousand for Years 2000 through 2006 (includes corresponding Graph/Chart)

Competitive Landscape Total Companies Profiled: 29 (including Divisions/Subsidiaries - 34) Region/CountryPlayers The United States Japan



Europe Germany The United Kingdom Italy Rest of Europe



## I would like to order

Product name: Carbondioxide Incubators: Market Research Report

Product link: https://marketpublishers.com/r/C10CD4AC1EBEN.html

Price: US\$ 4,500.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/C10CD4AC1EBEN.html</u>