

Global Carbon Dioxide (CO₂) Incubators Market – Types, Capacities and Applications

“The report reviews, analyzes and projects the global market for Carbon Dioxide (CO₂) Incubators for the period 2020-2029. The global market for Carbon Dioxide (CO₂) Incubator types analyzed in this report includes Air-Jacketed CO₂ Incubators, Direct Heat CO₂ Incubators and Water-Jacketed CO₂ Incubators. The report analyzes the market for CO₂ Incubators by its capacity comprising Below 100 Liters, 100-200 Liters and Above 200 Liters. The study also explores the market for major applications of CO₂ Incubators consisting of In Vitro Fertilization (IVF), Laboratory Research & Clinical Diagnostics and Others.”

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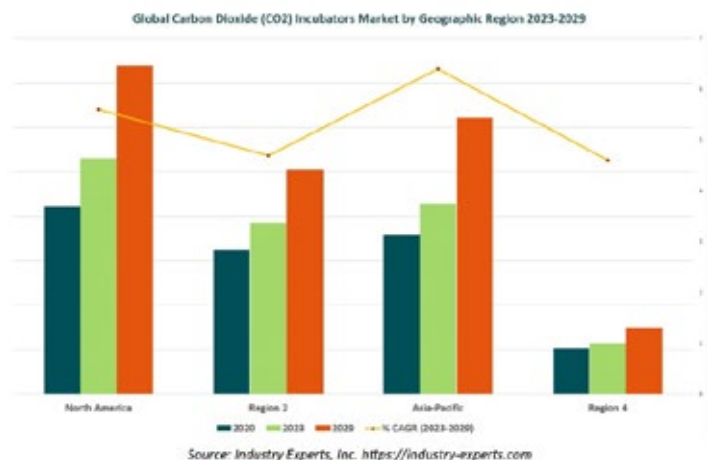
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Report Synopsis

Carbon Dioxide (CO₂) Incubators are gassed incubators that enable in creating a natural atmosphere essential for developing cell and tissue cultures. The major parameters to be considered for a perfect match with cell culture requirements include temperature, humidity, pH, oxygen level and carbon dioxide (CO₂) concentration levels, all of which are imperative for ensuring proper cell growth.

Owing to a robust research and development base, along with the presence of leading global biotechnology and pharmaceutical companies, North America constitutes the leading global market for CO₂ Incubators. Factors furthering the demand for these devices in the region include a sharp rise in the incidence of chronic diseases that need R&D initiatives in cell and tissue engineering for successful clinical outcomes. The demand for CO₂ Incubators in Asia-Pacific, though, is likely to post the fastest CAGR exceeding 6% over the 2023-2029 analysis period.



Research Findings & Coverage

- Worldwide market for Carbon Dioxide (CO₂) Incubators is analyzed in this report with respect to types, capacities, applications, major geographic regions and key countries
- Global market share analysis for CO₂ Incubators based on the segmentation mentioned above and current market size estimation, revenue projections for the analysis period through 2029

- The study discusses major growth trends, R&D, technology updates, statutory regulations and emerging applications of CO₂ Incubators that influence the market growth
- Key business trends focusing on product innovations/developments, capacity expansions, M&As, JVs and other recent industry developments by the major players
- The report includes 158 data tables covering market numbers by segment and regions with graphical representation for each table
- Brief business profiles of major companies covered – 12
- The industry guide includes the contact details for 81 companies

Product Outline

The market for types of Carbon Dioxide (CO₂) Incubators analyzed in this report includes:

- Air-Jacketed
- Direct Heat
- Water-Jacketed

The report analyzes the market for Carbon Dioxide (CO₂) Incubators by capacity comprise:

- Below 100 Liters
- 100-200 Liters
- Above 200 Liters

Global market for applications of Carbon Dioxide (CO₂) Incubators explored in this study includes:

- In Vitro Fertilization (IVF)
- Laboratory Research & Clinical Diagnostics
- Other Applications

Analysis Period, Units and Growth Rates

- The report reviews, analyzes and projects the global Carbon Dioxide (CO₂) Incubators market for the period 2020-2029 in terms of market value in US\$ and the compound annual growth rates (CAGRs) projected from 2023 through 2029

Geographic Coverage

- North America** (The United States, Canada and Mexico)
- Europe** (France, Germany, Italy, The United Kingdom and Rest of Europe)
- Asia-Pacific** (China, India, Japan, South Korea and Rest of Asia-Pacific)
- Rest of World**

SAMPLE COMPANY PROFILE

ESCO LIFESCIENCES GROUP (SINGAPORE)

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Business Profile

Esco Lifesciences Group, founded in 1978 in Singapore, is a leading international producer and provider of laboratory, medical, pharmaceutical and bioprocessing equipment. Products and solutions offered by the company include Air Showers, Animal Research Workstations, Anti-Vibration Tables, ART Workstations, Automated Nucleic Acid Extraction Systems, Biological Safety Cabinets, Bioreactors, Ceiling Laminar Airflow Units, Cell Culture Media & Supplements, Cell Culture Monitoring Systems, Cell Harvesting Systems, Centrifuges, CO₂ Incubators, Culture Dishes for In Vitro Fertilization (IVF), Cytotoxic Cabinets, Downflow Booths, Ducted Fume Hoods, Ductless Fume Hoods, Filtered Storage Cabinets, Garment Storage Cabinets, Glassware Hoods, In Vitro Fertilization (IVF) Incubators, Isolators, Laboratory Combination Refrigerators & Freezers, Laboratory Freezers, Laboratory Incubators, Laboratory Ovens, Laboratory Refrigerators, Laminar Flow Cabinets, Macroporous Carriers, Microplate Shakers/Incubators, Orbital Shakers (brand OrbiCult™), Pass Boxes, PCR Cabinets, PCR Thermal Cyclers, Restricted Access Barrier Systems, Sample Monitoring Software, Sputum Booths, Time-Lapse Incubators, Ultra-low Temperature Freezers, Validation Equipment and Ventilated Balance Enclosures.

Esco Lifesciences offers CO₂ Incubators under brand names and features that include CelMate® CO₂ Incubator- CO₂ Control, CelMate® CO₂ Incubator- CO₂ Control, UV Lamp, CelCulture® CO₂ Incubator- CO₂ Control, CelCulture® CO₂ Incubator - CO₂ Control, No ULPA Filter, CelCulture® CO₂ Incubator - CO₂ & O₂ Control, CelCulture® CO₂ Incubator - CO₂ & O₂ Control, No ULPA Filter, CelCulture® CO₂ Incubator - CO₂ Control, UV lamp, CelCulture® CO₂ Incubator - CO₂ & O₂ Control, UV lamp, CelCulture® CO₂ Incubator - CO₂ Control, Flat Door, CelCulture® CO₂ Incubator - CO₂ Control, No ULPA Filter, Flat Door, CelCulture® CO₂ Incubator - CO₂ Control, UV lamp, Flat Door, CelCulture® CO₂ Incubator - CO₂ & O₂ Control, Flat Door, CelCulture® CO₂ Incubator - CO₂ & O₂ Control, No ULPA Filter, Flat Door, CelCulture® CO₂ Incubator - CO₂ & O₂ Control, UV Lamp, Flat Door, CelCulture® CO₂ Incubator - CO₂ Control, Copper Chamber, CelCulture® CO₂ Incubator - CO₂ & O₂ Control, Copper Chamber, CelCulture® CO₂ Incubator - CO₂ Control, Copper Chamber, UV Lamp, CelCulture® CO₂ Incubator - CO₂ & O₂ Control, Copper Chamber, UV Lamp, CelCulture® CO₂ Incubator - CO₂ Control, Peltier System, CelCulture® CO₂ Incubator - CO₂ & O₂ Control.

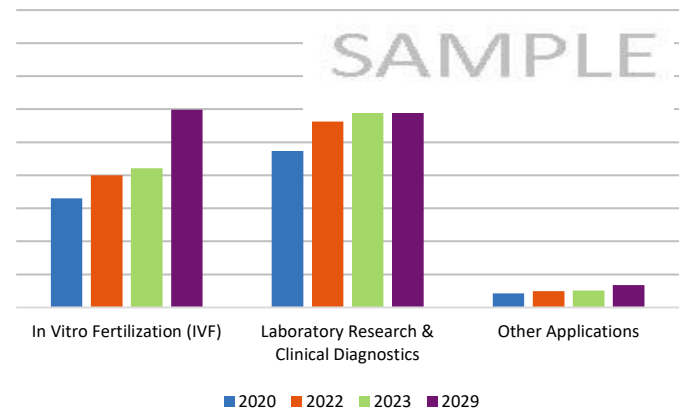
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SAMPLE TABLE/CHART

Glance at 2023 Global Carbon Dioxide (CO₂) Incubators Market Share (%) by Geographic Region – North America, Europe, Asia-Pacific and Rest of World



North American Carbon Dioxide (CO₂) Incubators Market Analysis (2020-2029) by Application – In Vitro Fertilization (IVF), Laboratory Research & Clinical Diagnostics and Other Applications in USD Million



KEY PLAYERS PROFILED

- Bellco Glass, Inc.
- Binder GmbH
- Cardinal Health, Inc.
- Eppendorf SE
- ESCO Lifesciences Group
- LEEC Limited
- Memmert GmbH + Co Kg
- Nuaire, Inc.
- PHC Holdings Corporation
- Shanghai Boxun Medical Biological Instrument Corp
- Sheldon Manufacturing, Inc.
- Thermo Fisher Scientific, Inc.

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