

# Global Atomic Clock Market Size, Manufacturers, Opportunities and Forecast to 2030

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## Abstracts

Atomic clock is a clock device that uses an electron transition frequency in the microwave, optical, or ultraviolet region of the electromagnetic spectrum of atoms as a frequency standard for its timekeeping element.

According to APO Research, The global Atomic Clock market was estimated at US\$ million in 2023 and is projected to reach a revised size of US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

Global Atomic Clock key players include Microsemi (Microchip), Orolia Group (Spectratime), Oscilloquartz SA, VREMYA-CH JSC, Casic, etc. Global top five manufacturers hold a share over 65%.

North America is the largest market, with a share over 35%, followed by Europe, and Asia-Pacific, both have a share over 55 percent.

In terms of product, Rubidium Atomic Clock & CSAC is the largest segment, with a share about 55%. And in terms of application, the largest application is Telecom or Broadcasting, followed by Scientific and Metrology Research, Space and Military or Aerospace, etc.

## Report Scope

This report aims to provide a comprehensive presentation of the global market for Atomic Clock, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding

## Atomic Clock.

The Atomic Clock market size, estimations, and forecasts are provided in terms of revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Atomic Clock market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

## Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, gross margin by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Microsemi (Microchip)

Orolia Group (Spectratime)

Oscilloquartz SA

VREMYA-CH JSC

Frequency Electronics, Inc.

Stanford Research Systems

Casic

AccuBeat Ltd

Chengdu Spaceon Electronics

Shanghai Astronomical Observatory

#### Atomic Clock segment by Type

Rubidium Atomic Clock and CSAC

Cs Beam Atomic Clock

Hydrogen Maser Atomic Clock

#### Atomic Clock segment by Application

Space and Military or Aerospace

Scientific and Metrology Research

Telecom or Broadcasting

Others

#### Atomic Clock Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

### Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

### Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Atomic Clock market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Atomic Clock and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Atomic Clock.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

Chapter 1: Introduces the report scope of the report, executive summary of global and regional market size and CAGR for the history and forecast period (2019-2024, 2025-2030). It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 2: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 3: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 4: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 5: Detailed analysis of Atomic Clock companies' competitive landscape, revenue, market share and ranking, latest development plan, merger, and acquisition information, etc.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product introduction, revenue, recent development, etc.

Chapter 7, 8, 9, 10 and 11: North America, Europe, Asia Pacific, Latin America, Middle East & Africa, revenue by country.

Chapter 12: Concluding Insights of the report

Chapter 12: Concluding Insights of the report

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
- 1.3 Global Atomic Clock Market Size Overview by Region 2019 VS 2023 VS 2030
- 1.4 Global Atomic Clock Market Size by Region (2019-2030)
  - 1.4.1 Global Atomic Clock Market Size by Region (2019-2024)
  - 1.4.2 Global Atomic Clock Market Size by Region (2025-2030)
- 1.5 Key Regions Atomic Clock Market Size (2019-2030)
  - 1.5.1 North America Atomic Clock Market Size Growth Rate (2019-2030)
  - 1.5.2 Europe Atomic Clock Market Size Growth Rate (2019-2030)
  - 1.5.3 Asia-Pacific Atomic Clock Market Size Growth Rate (2019-2030)
  - 1.5.4 Latin America Atomic Clock Market Size Growth Rate (2019-2030)
  - 1.5.5 Middle East & Africa Atomic Clock Market Size Growth Rate (2019-2030)

### 2 ATOMIC CLOCK MARKET BY TYPE

- 2.1 Type Introduction
  - 2.1.1 Rubidium Atomic Clock and CSAC
  - 2.1.2 Cs Beam Atomic Clock
  - 2.1.3 Hydrogen Maser Atomic Clock
- 2.2 Global Atomic Clock Market Size by Type
  - 2.2.1 Global Atomic Clock Market Size Overview by Type (2019-2030)
  - 2.2.2 Global Atomic Clock Historic Market Size Review by Type (2019-2024)
  - 2.2.3 Global Atomic Clock Market Size Forecasted by Type (2025-2030)
- 2.3 Global Atomic Clock Market Size by Regions
  - 2.3.1 North America Atomic Clock Market Size Breakdown by Type (2019-2024)
  - 2.3.2 Europe Atomic Clock Market Size Breakdown by Type (2019-2024)
  - 2.3.3 Asia-Pacific Atomic Clock Market Size Breakdown by Type (2019-2024)
  - 2.3.4 Latin America Atomic Clock Market Size Breakdown by Type (2019-2024)
  - 2.3.5 Middle East and Africa Atomic Clock Market Size Breakdown by Type (2019-2024)

### 3 ATOMIC CLOCK MARKET BY APPLICATION

- 3.1 Type Introduction
  - 3.1.1 Space and Military or Aerospace

- 3.1.2 Scientific and Metrology Research
- 3.1.3 Telecom or Broadcasting
- 3.1.4 Others
- 3.2 Global Atomic Clock Market Size by Application
  - 3.2.1 Global Atomic Clock Market Size Overview by Application (2019-2030)
  - 3.2.2 Global Atomic Clock Historic Market Size Review by Application (2019-2024)
  - 3.2.3 Global Atomic Clock Market Size Forecasted by Application (2025-2030)
- 3.3 Global Atomic Clock Market Size by Regions
  - 3.3.1 North America Atomic Clock Market Size Breakdown by Application (2019-2024)
  - 3.3.2 Europe Atomic Clock Market Size Breakdown by Application (2019-2024)
  - 3.3.3 Asia-Pacific Atomic Clock Market Size Breakdown by Application (2019-2024)
  - 3.3.4 Latin America Atomic Clock Market Size Breakdown by Application (2019-2024)
  - 3.3.5 Middle East and Africa Atomic Clock Market Size Breakdown by Application (2019-2024)

## **4 GLOBAL MARKET DYNAMICS**

- 4.1 Atomic Clock Industry Trends
- 4.2 Atomic Clock Industry Drivers
- 4.3 Atomic Clock Industry Opportunities and Challenges
- 4.4 Atomic Clock Industry Restraints

## **5 COMPETITIVE INSIGHTS BY COMPANY**

- 5.1 Global Top Players by Atomic Clock Revenue (2019-2024)
- 5.2 Global Atomic Clock Industry Company Ranking, 2022 VS 2023 VS 2024
- 5.3 Global Atomic Clock Key Company Headquarters & Area Served
- 5.4 Global Atomic Clock Company, Product Type & Application
- 5.5 Global Atomic Clock Company Commercialization Time
- 5.6 Market Competitive Analysis
  - 5.6.1 Global Atomic Clock Market CR5 and HHI
  - 5.6.2 Global Top 5 and 10 Atomic Clock Players Market Share by Revenue in 2023
  - 5.6.3 2023 Atomic Clock Tier 1, Tier 2, and Tier

## **6 COMPANY PROFILES**

- 6.1 Microsemi (Microchip)
  - 6.1.1 Microsemi (Microchip) Company Information
  - 6.1.2 Microsemi (Microchip) Business Overview



6.1.3 Microsemi (Microchip) Atomic Clock Revenue, Global Share and Gross Margin (2019-2024)

6.1.4 Microsemi (Microchip) Atomic Clock Product Portfolio

6.1.5 Microsemi (Microchip) Recent Developments

6.2 Orolia Group (Spectratime)

6.2.1 Orolia Group (Spectratime) Company Information

6.2.2 Orolia Group (Spectratime) Business Overview

6.2.3 Orolia Group (Spectratime) Atomic Clock Revenue, Global Share and Gross Margin (2019-2024)

6.2.4 Orolia Group (Spectratime) Atomic Clock Product Portfolio

6.2.5 Orolia Group (Spectratime) Recent Developments

6.3 Oscilloquartz SA

6.3.1 Oscilloquartz SA Company Information

6.3.2 Oscilloquartz SA Business Overview

6.3.3 Oscilloquartz SA Atomic Clock Revenue, Global Share and Gross Margin (2019-2024)

6.3.4 Oscilloquartz SA Atomic Clock Product Portfolio

6.3.5 Oscilloquartz SA Recent Developments

6.4 VREMYA-CH JSC

6.4.1 VREMYA-CH JSC Company Information

6.4.2 VREMYA-CH JSC Business Overview

6.4.3 VREMYA-CH JSC Atomic Clock Revenue, Global Share and Gross Margin (2019-2024)

6.4.4 VREMYA-CH JSC Atomic Clock Product Portfolio

6.4.5 VREMYA-CH JSC Recent Developments

6.5 Frequency Electronics, Inc.

6.5.1 Frequency Electronics, Inc. Company Information

6.5.2 Frequency Electronics, Inc. Business Overview

6.5.3 Frequency Electronics, Inc. Atomic Clock Revenue, Global Share and Gross Margin (2019-2024)

6.5.4 Frequency Electronics, Inc. Atomic Clock Product Portfolio

6.5.5 Frequency Electronics, Inc. Recent Developments

6.6 Stanford Research Systems

6.6.1 Stanford Research Systems Company Information

6.6.2 Stanford Research Systems Business Overview

6.6.3 Stanford Research Systems Atomic Clock Revenue, Global Share and Gross Margin (2019-2024)

6.6.4 Stanford Research Systems Atomic Clock Product Portfolio

6.6.5 Stanford Research Systems Recent Developments

## 6.7 Casic

6.7.1 Casic Comapny Information

6.7.2 Casic Business Overview

6.7.3 Casic Atomic Clock Revenue, Global Share and Gross Margin (2019-2024)

6.7.4 Casic Atomic Clock Product Portfolio

6.7.5 Casic Recent Developments

## 6.8 AccuBeat Ltd

6.8.1 AccuBeat Ltd Comapny Information

6.8.2 AccuBeat Ltd Business Overview

6.8.3 AccuBeat Ltd Atomic Clock Revenue, Global Share and Gross Margin (2019-2024)

6.8.4 AccuBeat Ltd Atomic Clock Product Portfolio

6.8.5 AccuBeat Ltd Recent Developments

## 6.9 Chengdu Spaceon Electronics

6.9.1 Chengdu Spaceon Electronics Comapny Information

6.9.2 Chengdu Spaceon Electronics Business Overview

6.9.3 Chengdu Spaceon Electronics Atomic Clock Revenue, Global Share and Gross Margin (2019-2024)

6.9.4 Chengdu Spaceon Electronics Atomic Clock Product Portfolio

6.9.5 Chengdu Spaceon Electronics Recent Developments

## 6.10 Shanghai Astronomical Observatory

6.10.1 Shanghai Astronomical Observatory Comapny Information

6.10.2 Shanghai Astronomical Observatory Business Overview

6.10.3 Shanghai Astronomical Observatory Atomic Clock Revenue, Global Share and Gross Margin (2019-2024)

6.10.4 Shanghai Astronomical Observatory Atomic Clock Product Portfolio

6.10.5 Shanghai Astronomical Observatory Recent Developments

## 7 NORTH AMERICA

7.1 North America Atomic Clock Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

7.2 North America Atomic Clock Market Size by Country (2019-2024)

7.3 North America Atomic Clock Market Size Forecast by Country (2025-2030)

## 8 EUROPE

8.1 Europe Atomic Clock Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

8.2 Europe Atomic Clock Market Size by Country (2019-2024)

8.3 Europe Atomic Clock Market Size Forecast by Country (2025-2030)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Atomic Clock Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

9.2 Asia-Pacific Atomic Clock Market Size by Country (2019-2024)

9.3 Asia-Pacific Atomic Clock Market Size Forecast by Country (2025-2030)

## **10 LATIN AMERICA**

10.1 Latin America Atomic Clock Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.2 Latin America Atomic Clock Market Size by Country (2019-2024)

10.3 Latin America Atomic Clock Market Size Forecast by Country (2025-2030)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Atomic Clock Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

11.2 Middle East & Africa Atomic Clock Market Size by Country (2019-2024)

11.3 Middle East & Africa Atomic Clock Market Size Forecast by Country (2025-2030)

## **12 CONCLUDING INSIGHTS**

## **13 APPENDIX**

13.1 Reasons for Doing This Study

13.2 Research Methodology

13.3 Research Process

13.4 Authors List of This Report

13.5 Data Source

13.5.1 Secondary Sources

13.5.2 Primary Sources

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