

# 2020-2025 Global Rubidium Atomic Clock Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

<https://marketpublishers.com/r/245A0D52CAD8EN.html>

Date: September 2021

Pages: 129

Price: US\$ 3,360.00 (Single User License)

ID: 245A0D52CAD8EN

## Abstracts

An rubidium atomic clock is the most accurate man-made time device. In an atomic clock the atom is the pendulum of the clock. When an electron inside an atom transits between two energy levels, it either emits or absorbs an energy quantum of a precise frequency, which is related to the energy difference between the two atomic levels (according to Planck's formula  $E = h\nu$ ). Thus it creates an atomic oscillator. This report elaborates the market size, market characteristics, and market growth of the Rubidium Atomic Clock industry, and breaks down according to the type, application, and consumption area of Rubidium Atomic Clock. The report also conducted a PESTEL analysis of the industry to study the main influencing factors and entry barriers of the industry.

In Chapter 3.4 of the report, the impact of the COVID-19 outbreak on the industry was fully assessed. Fully risk assessment and industry recommendations were made for Rubidium Atomic Clock in a special period. This chapter also compares the markets of Pre COVID-19 and Post COVID-19.

In addition, chapters 8-12 consider the impact of COVID-19 on the regional economy.

Key players in the global Rubidium Atomic Clock market covered in Chapter 13:

Stanford Research Systems

Microsemi

IQD

Excelitas Technologies

Vectron International.

Heol Design

Frequency Electronics

## Zurich Instruments

Spectratime

AccuBeat

In Chapter 6, on the basis of types, the Rubidium Atomic Clock market from 2015 to 2025 is primarily split into:

Output Frequency: 15MHz

In Chapter 7, on the basis of applications, the Rubidium Atomic Clock market from 2015 to 2025 covers:

Navigation

Military/Aerospace

Research/Medical

Instrumentation

Telecom

Broadcasting

Geographically, the detailed analysis of production, trade of the following countries is covered in Chapter 4.2, 5:

United States

Europe

China

Japan

India

Geographically, the detailed analysis of consumption, revenue, market share and growth rate of the following regions are covered in Chapter 8, 9, 10, 11, 12:

North America (Covered in Chapter 8)

United States

Canada

Mexico

Europe (Covered in Chapter 9)

Germany

UK

France

Italy

Spain

Others

Asia-Pacific (Covered in Chapter 10)

China  
Japan  
India  
South Korea  
Southeast Asia  
Others  
Middle East and Africa (Covered in Chapter 11)  
Saudi Arabia  
UAE  
South Africa  
Others  
South America (Covered in Chapter 12)  
Brazil  
Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

## Contents

### **1 RUBIDIUM ATOMIC CLOCK MARKET - RESEARCH SCOPE**

- 1.1 Study Goals
- 1.2 Market Definition and Scope
- 1.3 Key Market Segments
- 1.4 Study and Forecasting Years

### **2 RUBIDIUM ATOMIC CLOCK MARKET - RESEARCH METHODOLOGY**

- 2.1 Methodology
- 2.2 Research Data Source
  - 2.2.1 Secondary Data
  - 2.2.2 Primary Data
  - 2.2.3 Market Size Estimation
  - 2.2.4 Legal Disclaimer

### **3 RUBIDIUM ATOMIC CLOCK MARKET FORCES**

- 3.1 Global Rubidium Atomic Clock Market Size
- 3.2 Top Impacting Factors (PESTEL Analysis)
  - 3.2.1 Political Factors
  - 3.2.2 Economic Factors
  - 3.2.3 Social Factors
  - 3.2.4 Technological Factors
  - 3.2.5 Environmental Factors
  - 3.2.6 Legal Factors
- 3.3 Industry Trend Analysis
- 3.4 Industry Trends Under COVID-19
  - 3.4.1 Risk Assessment on COVID-19
  - 3.4.2 Assessment of the Overall Impact of COVID-19 on the Industry
  - 3.4.3 Pre COVID-19 and Post COVID-19 Market Scenario
- 3.5 Industry Risk Assessment

### **4 RUBIDIUM ATOMIC CLOCK MARKET - BY GEOGRAPHY**

- 4.1 Global Rubidium Atomic Clock Market Value and Market Share by Regions
  - 4.1.1 Global Rubidium Atomic Clock Value (\$) by Region (2015-2020)

- 4.1.2 Global Rubidium Atomic Clock Value Market Share by Regions (2015-2020)
- 4.2 Global Rubidium Atomic Clock Market Production and Market Share by Major Countries
  - 4.2.1 Global Rubidium Atomic Clock Production by Major Countries (2015-2020)
  - 4.2.2 Global Rubidium Atomic Clock Production Market Share by Major Countries (2015-2020)
- 4.3 Global Rubidium Atomic Clock Market Consumption and Market Share by Regions
  - 4.3.1 Global Rubidium Atomic Clock Consumption by Regions (2015-2020)
  - 4.3.2 Global Rubidium Atomic Clock Consumption Market Share by Regions (2015-2020)

## **5 RUBIDIUM ATOMIC CLOCK MARKET - BY TRADE STATISTICS**

- 5.1 Global Rubidium Atomic Clock Export and Import
- 5.2 United States Rubidium Atomic Clock Export and Import (2015-2020)
- 5.3 Europe Rubidium Atomic Clock Export and Import (2015-2020)
- 5.4 China Rubidium Atomic Clock Export and Import (2015-2020)
- 5.5 Japan Rubidium Atomic Clock Export and Import (2015-2020)
- 5.6 India Rubidium Atomic Clock Export and Import (2015-2020)
- 5.7 ...

## **6 RUBIDIUM ATOMIC CLOCK MARKET - BY TYPE**

- 6.1 Global Rubidium Atomic Clock Production and Market Share by Types (2015-2020)
  - 6.1.1 Global Rubidium Atomic Clock Production by Types (2015-2020)
  - 6.1.2 Global Rubidium Atomic Clock Production Market Share by Types (2015-2020)
- 6.2 Global Rubidium Atomic Clock Value and Market Share by Types (2015-2020)
  - 6.2.1 Global Rubidium Atomic Clock Value by Types (2015-2020)
  - 6.2.2 Global Rubidium Atomic Clock Value Market Share by Types (2015-2020)
- 6.3 Global Rubidium Atomic Clock Production, Price and Growth Rate of Output Frequency: 15MHz (2015-2020)

## **7 RUBIDIUM ATOMIC CLOCK MARKET - BY APPLICATION**

- 7.1 Global Rubidium Atomic Clock Consumption and Market Share by Applications (2015-2020)
  - 7.1.1 Global Rubidium Atomic Clock Consumption by Applications (2015-2020)
  - 7.1.2 Global Rubidium Atomic Clock Consumption Market Share by Applications (2015-2020)

7.2 Global Rubidium Atomic Clock Consumption and Growth Rate of Navigation (2015-2020)

7.3 Global Rubidium Atomic Clock Consumption and Growth Rate of Military/Aerospace (2015-2020)

7.4 Global Rubidium Atomic Clock Consumption and Growth Rate of Research/Medical (2015-2020)

7.5 Global Rubidium Atomic Clock Consumption and Growth Rate of Instrumentation (2015-2020)

7.6 Global Rubidium Atomic Clock Consumption and Growth Rate of Telecom (2015-2020)

7.7 Global Rubidium Atomic Clock Consumption and Growth Rate of Broadcasting (2015-2020)

## **8 NORTH AMERICA RUBIDIUM ATOMIC CLOCK MARKET**

8.1 North America Rubidium Atomic Clock Market Size

8.2 United States Rubidium Atomic Clock Market Size

8.3 Canada Rubidium Atomic Clock Market Size

8.4 Mexico Rubidium Atomic Clock Market Size

8.5 The Influence of COVID-19 on North America Market

## **9 EUROPE RUBIDIUM ATOMIC CLOCK MARKET ANALYSIS**

9.1 Europe Rubidium Atomic Clock Market Size

9.2 Germany Rubidium Atomic Clock Market Size

9.3 United Kingdom Rubidium Atomic Clock Market Size

9.4 France Rubidium Atomic Clock Market Size

9.5 Italy Rubidium Atomic Clock Market Size

9.6 Spain Rubidium Atomic Clock Market Size

9.7 The Influence of COVID-19 on Europe Market

## **10 ASIA-PACIFIC RUBIDIUM ATOMIC CLOCK MARKET ANALYSIS**

10.1 Asia-Pacific Rubidium Atomic Clock Market Size

10.2 China Rubidium Atomic Clock Market Size

10.3 Japan Rubidium Atomic Clock Market Size

10.4 South Korea Rubidium Atomic Clock Market Size

10.5 Southeast Asia Rubidium Atomic Clock Market Size

10.6 India Rubidium Atomic Clock Market Size

10.7 The Influence of COVID-19 on Asia Pacific Market

## **11 MIDDLE EAST AND AFRICA RUBIDIUM ATOMIC CLOCK MARKET ANALYSIS**

11.1 Middle East and Africa Rubidium Atomic Clock Market Size

11.2 Saudi Arabia Rubidium Atomic Clock Market Size

11.3 UAE Rubidium Atomic Clock Market Size

11.4 South Africa Rubidium Atomic Clock Market Size

11.5 The Influence of COVID-19 on Middle East and Africa Market

## **12 SOUTH AMERICA RUBIDIUM ATOMIC CLOCK MARKET ANALYSIS**

12.1 South America Rubidium Atomic Clock Market Size

12.2 Brazil Rubidium Atomic Clock Market Size

12.3 The Influence of COVID-19 on South America Market

## **13 COMPANY PROFILES**

13.1 Stanford Research Systems

13.1.1 Stanford Research Systems Basic Information

13.1.2 Stanford Research Systems Product Profiles, Application and Specification

13.1.3 Stanford Research Systems Rubidium Atomic Clock Market Performance (2015-2020)

13.2 Microsemi

13.2.1 Microsemi Basic Information

13.2.2 Microsemi Product Profiles, Application and Specification

13.2.3 Microsemi Rubidium Atomic Clock Market Performance (2015-2020)

13.3 IQD

13.3.1 IQD Basic Information

13.3.2 IQD Product Profiles, Application and Specification

13.3.3 IQD Rubidium Atomic Clock Market Performance (2015-2020)

13.4 Excelitas Technologies

13.4.1 Excelitas Technologies Basic Information

13.4.2 Excelitas Technologies Product Profiles, Application and Specification

13.4.3 Excelitas Technologies Rubidium Atomic Clock Market Performance (2015-2020)

13.5 Vectron International.

13.5.1 Vectron International. Basic Information

13.5.2 Vectron International. Product Profiles, Application and Specification

- 13.5.3 Vectron International. Rubidium Atomic Clock Market Performance (2015-2020)
- 13.6 Heol Design
  - 13.6.1 Heol Design Basic Information
  - 13.6.2 Heol Design Product Profiles, Application and Specification
  - 13.6.3 Heol Design Rubidium Atomic Clock Market Performance (2015-2020)
- 13.7 Frequency Electronics
  - 13.7.1 Frequency Electronics Basic Information
  - 13.7.2 Frequency Electronics Product Profiles, Application and Specification
  - 13.7.3 Frequency Electronics Rubidium Atomic Clock Market Performance (2015-2020)
- 13.8 Zurich Instruments
  - 13.8.1 Zurich Instruments Basic Information
  - 13.8.2 Zurich Instruments Product Profiles, Application and Specification
  - 13.8.3 Zurich Instruments Rubidium Atomic Clock Market Performance (2015-2020)
- 13.9 Spectratime
  - 13.9.1 Spectratime Basic Information
  - 13.9.2 Spectratime Product Profiles, Application and Specification
  - 13.9.3 Spectratime Rubidium Atomic Clock Market Performance (2015-2020)
- 13.10 AccuBeat
  - 13.10.1 AccuBeat Basic Information
  - 13.10.2 AccuBeat Product Profiles, Application and Specification
  - 13.10.3 AccuBeat Rubidium Atomic Clock Market Performance (2015-2020)

## **14 MARKET FORECAST - BY REGIONS**

- 14.1 North America Rubidium Atomic Clock Market Forecast (2020-2025)
- 14.2 Europe Rubidium Atomic Clock Market Forecast (2020-2025)
- 14.3 Asia-Pacific Rubidium Atomic Clock Market Forecast (2020-2025)
- 14.4 Middle East and Africa Rubidium Atomic Clock Market Forecast (2020-2025)
- 14.5 South America Rubidium Atomic Clock Market Forecast (2020-2025)

## **15 MARKET FORECAST - BY TYPE AND APPLICATIONS**

- 15.1 Global Rubidium Atomic Clock Market Forecast by Types (2020-2025)
  - 15.1.1 Global Rubidium Atomic Clock Market Forecast Production and Market Share by Types (2020-2025)
  - 15.1.2 Global Rubidium Atomic Clock Market Forecast Value and Market Share by Types (2020-2025)
- 15.2 Global Rubidium Atomic Clock Market Forecast by Applications (2020-2025)



## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Rubidium Atomic Clock Picture

Table Rubidium Atomic Clock Key Market Segments

Figure Study and Forecasting Years

Figure Global Rubidium Atomic Clock Market Size and Growth Rate 2015-2025

Figure Industry PESTEL Analysis

Figure Global COVID-19 Status

Figure Market Size Forecast Comparison of Pre COVID-19 and Post COVID-19

Figure Global Rubidium Atomic Clock Value (\$) and Growth Rate (2015-2020)

Table Global Rubidium Atomic Clock Value (\$) by Countries (2015-2020)

Table Global Rubidium Atomic Clock Value Market Share by Regions (2015-2020)

Figure Global Rubidium Atomic Clock Value Market Share by Regions in 2019

Figure Global Rubidium Atomic Clock Production and Growth Rate (2015-2020)

Table Global Rubidium Atomic Clock Production by Major Countries (2015-2020)

Table Global Rubidium Atomic Clock Production Market Share by Major Countries (2015-2020)

Figure Global Rubidium Atomic Clock Production Market Share by Regions in 2019

Figure Global Rubidium Atomic Clock Consumption and Growth Rate (2015-2020)

Table Global Rubidium Atomic Clock Consumption by Regions (2015-2020)

Table Global Rubidium Atomic Clock Consumption Market Share by Regions (2015-2020)

Figure Global Rubidium Atomic Clock Consumption Market Share by Regions in 2019

Table Global Rubidium Atomic Clock Export Top 3 Country 2019

Table Global Rubidium Atomic Clock Import Top 3 Country 2019

Table United States Rubidium Atomic Clock Export and Import (2015-2020)

Table Europe Rubidium Atomic Clock Export and Import (2015-2020)

Table China Rubidium Atomic Clock Export and Import (2015-2020)

Table Japan Rubidium Atomic Clock Export and Import (2015-2020)

Table India Rubidium Atomic Clock Export and Import (2015-2020)

Table Global Rubidium Atomic Clock Production by Types (2015-2020)

Table Global Rubidium Atomic Clock Production Market Share by Types (2015-2020)

Figure Global Rubidium Atomic Clock Production Share by Type (2015-2020)

Table Global Rubidium Atomic Clock Value by Types (2015-2020)

Table Global Rubidium Atomic Clock Value Market Share by Types (2015-2020)

Figure Global Rubidium Atomic Clock Value Share by Type (2015-2020)

Figure Global Output Frequency: 15MHz Price (2015-2020)

Table Global Rubidium Atomic Clock Consumption by Applications (2015-2020)

Table Global Rubidium Atomic Clock Consumption Market Share by Applications (2015-2020)

Figure Global Rubidium Atomic Clock Consumption Share by Application (2015-2020)

Figure Global Navigation Consumption and Growth Rate (2015-2020)

Figure Global Military/Aerospace Consumption and Growth Rate (2015-2020)

Figure Global Research/Medical Consumption and Growth Rate (2015-2020)

Figure Global Instrumentation Consumption and Growth Rate (2015-2020)

Figure Global Telecom Consumption and Growth Rate (2015-2020)

Figure Global Broadcasting Consumption and Growth Rate (2015-2020)

Figure North America Rubidium Atomic Clock Market Consumption and Growth Rate (2015-2020)

Table North America Rubidium Atomic Clock Consumption by Countries (2015-2020)

Table North America Rubidium Atomic Clock Consumption Market Share by Countries (2015-2020)

Figure North America Rubidium Atomic Clock Consumption Market Share by Countries (2015-2020)

Figure United States Rubidium Atomic Clock Market Consumption and Growth Rate (2015-2020)

Figure Canada Rubidium Atomic Clock Market Consumption and Growth Rate (2015-2020)

Figure Mexico Rubidium Atomic Clock Market Consumption and Growth Rate (2015-2020)

Figure North America COVID-19 Status

Figure Europe Rubidium Atomic Clock Market Consumption and Growth Rate (2015-2020)

Table Europe Rubidium Atomic Clock Consumption by Countries (2015-2020)

Table Europe Rubidium Atomic Clock Consumption Market Share by Countries (2015-2020)

Figure Europe Rubidium Atomic Clock Consumption Market Share by Countries (2015-2020)

Figure Germany Rubidium Atomic Clock Market Consumption and Growth Rate (2015-2020)

Figure United Kingdom Rubidium Atomic Clock Market Consumption and Growth Rate (2015-2020)

Figure France Rubidium Atomic Clock Market Consumption and Growth Rate (2015-2020)

Figure Italy Rubidium Atomic Clock Market Consumption and Growth Rate (2015-2020)

Figure Spain Rubidium Atomic Clock Market Consumption and Growth Rate

(2015-2020)

Figure Europe COVID-19 Status

Figure Asia-Pacific Rubidium Atomic Clock Market Consumption and Growth Rate  
(2015-2020)

Table Asia-Pacific Rubidium Atomic Clock Consumption by Countries (2015-2020)

Table Asia-Pacific Rubidium Atomic Clock Consumption Market Share by Countries  
(2015-2020)

Figure Asia-Pacific Rubidium Atomic Clock Consumption Market Share by Countries  
(2015-2020)

Figure China Rubidium Atomic Clock Market Consumption and Growth Rate  
(2015-2020)

Figure Japan Rubidium Atomic Clock Market Consumption and Growth Rate  
(2015-2020)

Figure South Korea Rubidium Atomic Clock Market Consumption and Growth Rate  
(2015-2020)

Figure Southeast Asia Rubidium Atomic Clock Market Consumption and Growth Rate  
(2015-2020)

Figure India Rubidium Atomic Clock Market Consumption and Growth Rate (2015-2020)

Figure Asia Pacific COVID-19 Status

Figure Middle East and Africa Rubidium Atomic Clock Market Consumption and Growth  
Rate (2015-2020)

Table Middle East and Africa Rubidium Atomic Clock Consumption by Countries  
(2015-2020)

Table Middle East and Africa Rubidium Atomic Clock Consumption Market Share by  
Countries (2015-2020)

Figure Middle East and Africa Rubidium Atomic Clock Consumption Market Share by  
Countries (2015-2020)

Figure Saudi Arabia Rubidium Atomic Clock Market Consumption and Growth Rate  
(2015-2020)

Figure UAE Rubidium Atomic Clock Market Consumption and Growth Rate (2015-2020)

Figure South Africa Rubidium Atomic Clock Market Consumption and Growth Rate  
(2015-2020)

Figure South America Rubidium Atomic Clock Market Consumption and Growth Rate  
(2015-2020)

Table South America Rubidium Atomic Clock Consumption by Countries (2015-2020)

Table South America Rubidium Atomic Clock Consumption Market Share by Countries  
(2015-2020)

Figure South America Rubidium Atomic Clock Consumption Market Share by Countries  
(2015-2020)

Figure Brazil Rubidium Atomic Clock Market Consumption and Growth Rate (2015-2020)

Table Stanford Research Systems Company Profile

Table Stanford Research Systems Production, Value, Price, Gross Margin 2015-2020

Figure Stanford Research Systems Production and Growth Rate

Figure Stanford Research Systems Value (\$) Market Share 2015-2020

Table Microsemi Company Profile

Table Microsemi Production, Value, Price, Gross Margin 2015-2020

Figure Microsemi Production and Growth Rate

Figure Microsemi Value (\$) Market Share 2015-2020

Table IQD Company Profile

Table IQD Production, Value, Price, Gross Margin 2015-2020

Figure IQD Production and Growth Rate

Figure IQD Value (\$) Market Share 2015-2020

Table Excelitas Technologies Company Profile

Table Excelitas Technologies Production, Value, Price, Gross Margin 2015-2020

Figure Excelitas Technologies Production and Growth Rate

Figure Excelitas Technologies Value (\$) Market Share 2015-2020

Table Vectron International. Company Profile

Table Vectron International. Production, Value, Price, Gross Margin 2015-2020

Figure Vectron International. Production and Growth Rate

Figure Vectron International. Value (\$) Market Share 2015-2020

Table Heol Design Company Profile

Table Heol Design Production, Value, Price, Gross Margin 2015-2020

Figure Heol Design Production and Growth Rate

Figure Heol Design Value (\$) Market Share 2015-2020

Table Frequency Electronics Company Profile

Table Frequency Electronics Production, Value, Price, Gross Margin 2015-2020

Figure Frequency Electronics Production and Growth Rate

Figure Frequency Electronics Value (\$) Market Share 2015-2020

Table Zurich Instruments Company Profile

Table Zurich Instruments Production, Value, Price, Gross Margin 2015-2020

Figure Zurich Instruments Production and Growth Rate

Figure Zurich Instruments Value (\$) Market Share 2015-2020

Table Spectratime Company Profile

Table Spectratime Production, Value, Price, Gross Margin 2015-2020

Figure Spectratime Production and Growth Rate

Figure Spectratime Value (\$) Market Share 2015-2020

Table AccuBeat Company Profile

Table AccuBeat Production, Value, Price, Gross Margin 2015-2020

Figure AccuBeat Production and Growth Rate

Figure AccuBeat Value (\$) Market Share 2015-2020

Figure North America Market Consumption and Growth Rate Forecast (2020-2025)

Figure Europe Market Consumption and Growth Rate Forecast (2020-2025)

Figure Asia-Pacific Market Consumption and Growth Rate Forecast (2020-2025)

Figure Middle East and Africa Market Consumption and Growth Rate Forecast (2020-2025)

Figure South America Market Consumption and Growth Rate Forecast (2020-2025)

Table Global Rubidium Atomic Clock Market Forecast Production by Types (2020-2025)

Table Global Rubidium Atomic Clock Market Forecast Production Share by Types (2020-2025)

Table Global Rubidium Atomic Clock Market Forecast Value (\$) by Types (2020-2025)

Table Global Rubidium Atomic Clock Market Forecast Value Share by Types (2020-2025)

Table Global Rubidium Atomic Clock Market Forecast Consumption by Applications (2020-2025)

Table Global Rubidium Atomic Clock Market Forecast Consumption Share by Applications (2020-2025)

## I would like to order

Product name: 2020-2025 Global Rubidium Atomic Clock Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

Product link: <https://marketpublishers.com/r/245A0D52CAD8EN.html>

Price: US\$ 3,360.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/245A0D52CAD8EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

