

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Cs beam and Hydrogen Maser Atomic Clock Market 2018, Forecast to 2023

<https://marketpublishers.com/r/G9B0D90A227EN.html>

Date: August 2018

Pages: 128

Price: US\$ 4,880.00 (Single User License)

ID: G9B0D90A227EN

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.

Cesium beam atomic clock (Cs beam) is a device that uses as a reference the exact frequency of the microwave spectral line emitted by atoms of the metallic element cesium, in particular its isotope of atomic weight 133 ('Cs-133').

Hydrogen Maser Atomic Clocks are the most precise clocks in the world, offering the highest short-term stability: time remains stable up to 100 times better than a Rubidium clock.

SCOPE OF THE REPORT:

This report focuses on the Cs beam and Hydrogen Maser Atomic Clock in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

North America is the largest Production of Cs beam and Hydrogen Maser Atomic Clock, with a revenue market share nearly 70.34% in 2017.

The second place is Europe; following North America with the revenue market share over 22.60% in 2017. Asia is another important Production market of Cs beam and Hydrogen Maser Atomic Clock.

Cs beam and Hydrogen Maser Atomic Clock mainly has two kinds, including Cs Beam Atomic Clock and Hydrogen Maser Atomic Clock. The production market share of Cs

Beam Atomic Clock is 84.77% in 2017.

The worldwide market for Cs beam and Hydrogen Maser Atomic Clock is expected to grow at a CAGR of roughly 4.5% over the next five years, will reach 240 million US\$ in 2023, from 190 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Microsemi

Orolia Group

Oscilloquartz SA

VREMYA-CH JSC

FEI

KVARZ

Casic

Shanghai Astronomical Observatory

Chengdu Spaceon Electronics

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Cs Beam Atomic Clock

Hydrogen Maser Atomic Clock

Market Segment by Applications, can be divided into

Space & Military/Aerospace

Metrology Laboratories

Telecom & Broadcasting

Others

There are 15 Chapters to deeply display the global Cs beam and Hydrogen Maser Atomic Clock market.

Chapter 1, to describe Cs beam and Hydrogen Maser Atomic Clock Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Cs beam and Hydrogen Maser Atomic Clock, with sales, revenue, and price of Cs beam and Hydrogen Maser Atomic Clock, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Cs beam and Hydrogen Maser Atomic Clock, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

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Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Cs beam and Hydrogen Maser Atomic Clock market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Cs beam and Hydrogen Maser Atomic Clock sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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