

# Global Nuclear Magnetic Resonance Spectrometer (NMR) Market Research Report 2012-2024

<https://marketpublishers.com/r/GF25E1927D7EN.html>

Date: July 2019

Pages: 88

Price: US\$ 1,880.00 (Single User License)

ID: GF25E1927D7EN

## Abstracts

### SUMMARY

Nuclear Magnetic Resonance spectroscopy is a powerful and theoretically complex analytical tool. Nuclear Magnetic Resonance (NMR) spectroscopy is an analytical chemistry technique used in quality control and research for determining the content and purity of a sample as well as its molecular structure. For example, NMR can quantitatively analyze mixtures containing known compounds. For unknown compounds, NMR can either be used to match against spectral libraries or to infer the basic structure directly. Once the basic structure is known, NMR can be used to determine molecular conformation in solution as well as studying physical properties at the molecular level such as conformational exchange, phase changes, solubility, and diffusion. In order to achieve the desired results, a variety of NMR techniques are available. Nuclear magnetic resonance spectroscopy is also used to study the interaction of various molecules, the kinetics or dynamics of molecules and the composition of mixtures of biological or synthetic solutions or composites. The size of the molecules analyzed can range from a small organic molecule or metabolite, to a mid-sized peptide or a natural product, all the way up to proteins of several tens of kDa in molecular weight.

The global Nuclear Magnetic Resonance Spectrometer (NMR) market will reach xxx Million USD in 2019 with CAGR xx% 2019-2024. The objective of report is to define, segment, and project the market on the basis of product type, application, and region, and to describe the content about the factors influencing market dynamics, policy, economic, technology and market entry etc.

Based on products type, the report describes major products type share of regional market. Products mentioned as follows:

Sub-100MHz

300-400 MHz

500 MHz

600 MHz

700-750 MHz

800-850 MHz

900+ MHz

Leading vendors in the market are included based on profile, business performance etc.  
Vendors mentioned as follows:

Bruker

JEOL

Thermo Fisher

Oxford Instruments

Nanalysis

Anasazi

Magritek

Spinlock

Shanghai Huantong

Based on Application, the report describes major application share of regional market.  
Application mentioned as follows:

Academic

Pharma & Biotech

Chemical

Agriculture & Food

Oil and Gas

Others

Based on region, the report describes major regions market by products and application. Regions mentioned as follows:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

## Contents

### 1 MARKET OVERVIEW

#### 1.1 Objectives of Research

##### 1.1.1 Definition

##### 1.1.2 Specifications

#### 1.2 Market Segment

##### 1.2.1 by Type

###### 1.2.1.1 Sub-100MHz

###### 1.2.1.2 300-400 MHz

###### 1.2.1.3 500 MHz

###### 1.2.1.4 600 MHz

###### 1.2.1.5 700-750 MHz

###### 1.2.1.6 800-850 MHz

###### 1.2.1.7 900+ MHz

##### 1.2.2 by Application

###### 1.2.2.1 Academic

###### 1.2.2.2 Pharma & Biotech

###### 1.2.2.3 Chemical

###### 1.2.2.4 Agriculture & Food

###### 1.2.2.5 Oil and Gas

###### 1.2.2.6 Others

##### 1.2.3 by Regions

### 2 INDUSTRY CHAIN

#### 2.1 Industry Chain Structure

#### 2.2 Upstream

#### 2.3 Market

##### 2.3.1 SWOT

##### 2.3.2 Dynamics

### 3 ENVIRONMENTAL ANALYSIS

#### 3.1 Policy

#### 3.2 Economic

#### 3.3 Technology

#### 3.4 Market Entry

## **4 MARKET SEGMENTATION BY TYPE**

### 4.1 Market Size

- 4.1.1 Sub-100MHz Market, 2013-2018
- 4.1.2 300-400 MHz Market, 2013-2018
- 4.1.3 500 MHz Market, 2013-2018
- 4.1.4 600 MHz Market, 2013-2018
- 4.1.5 700-750 MHz Market, 2013-2018
- 4.1.6 800-850 MHz Market, 2013-2018
- 4.1.7 900+ MHz Market, 2013-2018

### 4.2 Market Forecast

- 4.2.1 Sub-100MHz Market Forecast, 2019-2024
- 4.2.2 300-400 MHz Market Forecast, 2019-2024
- 4.2.3 500 MHz Market Forecast, 2019-2024
- 4.2.4 600 MHz Market Forecast, 2019-2024
- 4.2.5 700-750 MHz Market Forecast, 2019-2024
- 4.2.6 800-850 MHz Market Forecast, 2019-2024
- 4.2.7 900+ MHz Market Forecast, 2019-2024

## **5 MARKET SEGMENTATION BY APPLICATION**

### 5.1 Market Size

- 5.1.1 Academic Market, 2013-2018
- 5.1.2 Pharma & Biotech Market, 2013-2018
- 5.1.3 Chemical Market, 2013-2018
- 5.1.4 Agriculture & Food Market, 2013-2018
- 5.1.5 Oil and Gas Market, 2013-2018
- 5.1.6 Others Market, 2013-2018

### 5.2 Market Forecast

- 5.2.1 Academic Market Forecast, 2019-2024
- 5.2.2 Pharma & Biotech Market Forecast, 2019-2024
- 5.2.3 Chemical Market Forecast, 2019-2024
- 5.2.4 Agriculture & Food Market Forecast, 2019-2024
- 5.2.5 Oil and Gas Market Forecast, 2019-2024
- 5.2.6 Others Market Forecast, 2019-2024

## **6 MARKET SEGMENTATION BY REGION**

## 6.1 Market Size

### 6.1.1 Asia-Pacific

6.1.1.1 Asia-Pacific Market, 2012-2018

6.1.1.2 Asia-Pacific Market by Type

6.1.1.3 Asia-Pacific Market by Application

### 6.1.2 North America

6.1.2.1 North America Market, 2012-2018

6.1.2.2 North America Market by Type

6.1.2.3 North America Market by Application

### 6.1.3 Europe

6.1.3.1 Europe Market, 2012-2018

6.1.3.2 Europe Market by Type

6.1.3.3 Europe Market by Application

### 6.1.4 South America

6.1.4.1 South America Market, 2012-2018

6.1.4.2 South America Market by Type

6.1.4.3 South America Market by Application

### 6.1.5 Middle East & Africa

6.1.5.1 Middle East & Africa Market, 2012-2018

6.1.5.2 Middle East & Africa Market by Type

6.1.5.3 Middle East & Africa Market by Application

## 6.2 Market Forecast

6.2.1 Asia-Pacific Market Forecast, 2019-2024

6.2.2 North America Market Forecast, 2019-2024

6.2.3 Europe Market Forecast, 2019-2024

6.2.4 South America Market Forecast, 2019-2024

6.2.5 Middle East & Africa Market Forecast, 2019-2024

## 7 MARKET COMPETITIVE

7.1 Global Market by Vendors

7.2 Market Concentration

7.3 Price & Factors

7.4 Marketing Channel

## 8 MAJOR VENDORS

8.1 Bruker

8.2 JEOL

8.3 Thermo Fisher

8.4 Oxford Instruments

8.5 Nanalysis

8.6 Anasazi

8.7 Magritek

8.8 Spinlock

8.9 Shanghai Huantong

## **9 CONCLUSION**

## List Of Tables

### LIST OF TABLES

- Table Product Specifications of Nuclear Magnetic Resonance Spectrometer (NMR)
- Table Products Segment of Nuclear Magnetic Resonance Spectrometer (NMR)
- Table Sub-100MHz Overview
- Table 300-400 MHz Overview
- Table 500 MHz Overview
- Table 600 MHz Overview
- Table 700-750 MHz Overview
- Table 800-850 MHz Overview
- Table 900+ MHz Overview
- Table Global Nuclear Magnetic Resonance Spectrometer (NMR) Market by Type, 2011-2022 (USD Million)
- Table Application Segment of Nuclear Magnetic Resonance Spectrometer (NMR)
- Table Academic Overview
- Table Pharma & Biotech Overview
- Table Chemical Overview
- Table Agriculture & Food Overview
- Table Oil and Gas Overview
- Table Others Overview
- Table Global Nuclear Magnetic Resonance Spectrometer (NMR) Market by Application, 2011-2022 (USD Million)
- Table Global Nuclear Magnetic Resonance Spectrometer (NMR) Market by Region, 2011-2022 (USD Million)
- Table Cost of Nuclear Magnetic Resonance Spectrometer (NMR)
- Table Market Dynamics
- Table Policy of Nuclear Magnetic Resonance Spectrometer (NMR)
- Table GDP of Major Countries
- Table Sub-100MHz CAGR by Revenue and Volume, 2012-2018
- Table 300-400 MHz CAGR by Revenue and Volume, 2012-2018
- Table 500 MHz CAGR by Revenue and Volume, 2012-2018
- Table 600 MHz CAGR by Revenue and Volume, 2012-2018
- Table 700-750 MHz CAGR by Revenue and Volume, 2012-2018
- Table 800-850 MHz CAGR by Revenue and Volume, 2012-2018
- Table 900+ MHz CAGR by Revenue and Volume, 2012-2018
- Table Sub-100MHz CAGR by Revenue and Volume, 2012-2024
- Table 300-400 MHz CAGR by Revenue and Volume, 2012-2024



Table 500 MHz CAGR by Revenue and Volume, 2012-2024

Table 600 MHz CAGR by Revenue and Volume, 2012-2024

Table 700-750 MHz CAGR by Revenue and Volume, 2012-2024

Table 800-850 MHz CAGR by Revenue and Volume, 2012-2024

Table 900+ MHz CAGR by Revenue and Volume, 2012-2024

Table Academic CAGR by Revenue and Volume, 2012-2018

Table Pharma & Biotech CAGR by Revenue and Volume, 2012-2018

Table Chemical CAGR by Revenue and Volume, 2012-2018

Table Agriculture & Food CAGR by Revenue and Volume, 2012-2018

Table Oil and Gas CAGR by Revenue and Volume, 2012-2018

Table Others CAGR by Revenue and Volume, 2012-2018

Table Global Nuclear Magnetic Resonance Spectrometer (NMR) Market by Vendors, 2012-2018 (USD Million)

Table Global Nuclear Magnetic Resonance Spectrometer (NMR) Market by Vendors, 2012-2018 (in Volume)

Table Global Nuclear Magnetic Resonance Spectrometer (NMR) Market Share by Vendors, 2012-2018 (USD Million)

Table Global Nuclear Magnetic Resonance Spectrometer (NMR) Market Share by Vendors, 2012-2018 (in Volume)

Table Price Factors List

Table Bruker Profile List

Table Microecological Modulator Operating Data of Bruker (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table JEOL Profile List

Table Microecological Modulator Operating Data of JEOL (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Thermo Fisher Profile List

Table Microecological Modulator Operating Data of Thermo Fisher (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Oxford Instruments Profile List

Table Microecological Modulator Operating Data of Oxford Instruments (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Nanalysis Profile List

Table Microecological Modulator Operating Data of Nanalysis (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Anasazi Profile List

Table Microecological Modulator Operating Data of Anasazi (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Magritek Profile List

Table Microecological Modulator Operating Data of Magritek (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Spinlock Profile List

Table Microecological Modulator Operating Data of Spinlock (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Shanghai Huantong Profile List

Table Microecological Modulator Operating Data of Shanghai Huantong (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

## List Of Figures

### LIST OF FIGURES

- Figure Nuclear Magnetic Resonance Spectrometer (NMR) Picture
- Figure Industry Chain Structure of Nuclear Magnetic Resonance Spectrometer (NMR)
- Figure SWOT of Nuclear Magnetic Resonance Spectrometer (NMR)
- Figure Sub-100MHz Market Size and Growth, 2012-2018 (USD Million)
- Figure Sub-100MHz Market Size and Growth, 2012-2018 (in Volume)
- Figure 300-400 MHz Market Size and Growth, 2012-2018 (USD Million)
- Figure 300-400 MHz Market Size and Growth, 2012-2018 (in Volume)
- Figure 500 MHz Market Size and Growth, 2012-2018 (USD Million)
- Figure 500 MHz Market Size and Growth, 2012-2018 (in Volume)
- Figure 600 MHz Market Size and Growth, 2012-2018 (USD Million)
- Figure 600 MHz Market Size and Growth, 2012-2018 (in Volume)
- Figure 700-750 MHz Market Size and Growth, 2012-2018 (USD Million)
- Figure 700-750 MHz Market Size and Growth, 2012-2018 (in Volume)
- Figure 800-850 MHz Market Size and Growth, 2012-2018 (USD Million)
- Figure 800-850 MHz Market Size and Growth, 2012-2018 (in Volume)
- Figure 900+ MHz Market Size and Growth, 2012-2018 (USD Million)
- Figure 900+ MHz Market Size and Growth, 2012-2018 (in Volume)
- Figure Sub-100MHz Market Estimates and Forecasts, 2019-2024 (USD Million)
- Figure Sub-100MHz Market Estimates and Forecasts, 2019-2024 (in Volume)
- Figure 300-400 MHz Market Estimates and Forecasts, 2019-2024 (USD Million)
- Figure 300-400 MHz Market Estimates and Forecasts, 2019-2024 (in Volume)
- Figure 500 MHz Market Estimates and Forecasts, 2019-2024 (USD Million)
- Figure 500 MHz Market Estimates and Forecasts, 2019-2024 (in Volume)
- Figure 600 MHz Market Estimates and Forecasts, 2019-2024 (USD Million)
- Figure 600 MHz Market Estimates and Forecasts, 2019-2024 (in Volume)
- Figure 700-750 MHz Market Estimates and Forecasts, 2019-2024 (USD Million)
- Figure 700-750 MHz Market Estimates and Forecasts, 2019-2024 (in Volume)
- Figure 800-850 MHz Market Estimates and Forecasts, 2019-2024 (USD Million)
- Figure 800-850 MHz Market Estimates and Forecasts, 2019-2024 (in Volume)
- Figure 900+ MHz Market Estimates and Forecasts, 2019-2024 (USD Million)
- Figure 900+ MHz Market Estimates and Forecasts, 2019-2024 (in Volume)
- Figure Academic Market Size and Growth, 2012-2018 (USD Million)
- Figure Market Size and Growth, 2012-2018 (in Volume)
- Figure Pharma & Biotech Market Size and Growth, 2012-2018 (USD Million)
- Figure Market Size and Growth, 2012-2018 (in Volume)

Figure Chemical Market Size and Growth, 2012-2018 (USD Million)  
Figure Market Size and Growth, 2012-2018 (in Volume)  
Figure Agriculture & Food Market Size and Growth, 2012-2018 (USD Million)  
Figure Market Size and Growth, 2012-2018 (in Volume)  
Figure Oil and Gas Market Size and Growth, 2012-2018 (USD Million)  
Figure Market Size and Growth, 2012-2018 (in Volume)  
Figure Others Market Size and Growth, 2012-2018 (USD Million)  
Figure Market Size and Growth, 2012-2018 (in Volume)  
Figure Asia-Pacific Market Size and Growth, 2012-2018 (USD Million)  
Figure Asia-Pacific Market Size and Growth, 2012-2018 (in Volume)  
Figure Asia-Pacific Market Size by Type  
Figure Asia-Pacific Market Share by Type  
Figure Asia-Pacific Market Size by Application  
Figure Asia-Pacific Market Share by Application  
Figure North America Market Size and Growth, 2012-2018 (USD Million)  
Figure North America Market Size and Growth, 2012-2018 (in Volume)  
Figure North America Market Size by Type  
Figure North America Market Share by Type  
Figure North America Market Size by Application  
Figure North America Market Share by Application  
Figure Europe Market Size and Growth, 2012-2018 (USD Million)  
Figure Europe Market Size and Growth, 2012-2018 (in Volume)  
Figure Europe Market Size by Type  
Figure Europe Market Share by Type  
Figure Europe Market Size by Application  
Figure Europe Market Share by Application  
Figure South America Market Size and Growth, 2012-2018 (USD Million)  
Figure South America Market Size and Growth, 2012-2018 (in Volume)  
Figure South America Market Size by Type  
Figure South America Market Share by Type  
Figure South America Market Size by Application  
Figure South America Market Share by Application  
Figure Middle East & Africa Market Size and Growth, 2012-2018 (USD Million)  
Figure Middle East & Africa Market Size and Growth, 2012-2018 (in Volume)  
Figure Middle East & Africa Market Size by Type  
Figure Middle East & Africa Market Share by Type  
Figure Middle East & Africa Market Size by Application  
Figure Middle East & Africa Market Share by Application  
Figure Asia-Pacific Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure Asia-Pacific Market Estimates and Forecasts, 2019-2024 (in Volume)  
Figure North America Market Estimates and Forecasts, 2019-2024 (USD Million)  
Figure North America Market Estimates and Forecasts, 2019-2024 (in Volume)  
Figure Europe Market Estimates and Forecasts, 2019-2024 (USD Million)  
Figure Europe Market Estimates and Forecasts, 2019-2024 (in Volume)  
Figure South America Market Estimates and Forecasts, 2019-2024 (USD Million)  
Figure South America Market Estimates and Forecasts, 2019-2024 (in Volume)  
Figure Middle East & Africa Market Estimates and Forecasts, 2019-2024 (USD Million)  
Figure Middle East & Africa Market Estimates and Forecasts, 2019-2024 (in Volume)  
Figure Nuclear Magnetic Resonance Spectrometer (NMR) Market Concentration by Region  
Figure Marketing Channels Overview

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