

# Global and Regional Muffle furnace Market Research Report 2017

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## **Abstracts**

#### **SUMMARY**

A muffle furnace (sometimes, retort furnace) in historical usage is a furnace in which the subject material is isolated from the fuel and all of the products of combustion, including gases and flying ash. After the development of high-temperature electric heating elements and widespread electrification in developed countries, new muffle furnaces quickly moved to electric designs. Today, a muffle furnace is (usually) a front-loading box-type oven or kiln for high-temperature applications such as fusing glass, creating enamel coatings, ceramics and soldering and brazing articles. They are also used in many research facilities, for example by chemists in order to determine what proportion of a sample is non-combustible and non-volatile (i.e., ash). Some digital controllers allow RS232 interface and permit the operator to program up to 126[citation needed] segments, such as ramping, soaking, sintering, and more. Also, advances in materials for heating elements, such as molybdenum disilicide, can now produce working temperatures up to 1,800 degrees Celsius (3,272 degrees Fahrenheit), which facilitate more sophisticated metallurgical applications.

Market Segment as follows:

By Region

Asia-Pacific

North America

Europe

South America



### Middle East & Africa

## By Type

Electric stove wire muffle furnace

Silicon carbide muffle furnace

Silicon molybdenum rods muffle furnace

# By Application

Hot working & Industrial workpiece processing

Pharmaceutical industry

Chemical analysis

Coal quality analysis

# By Company

ThermoFisher Scientific

Brother furnace

Nabertherm

**Texcare International** 

**Exacta Furnaces** 

Yamato Scientific

Zhengzhou Kejia Furnace Co., Ltd



Buhler		
Neytech		
CarboliteGero		
Pyramid		
Furnace Industries		
Henan Sante Furnace Technology Co., Ltd.		
Labotery		
IRM		
The main contents of the report including:		
Section 1: Product definition, type and application, global and regional market overview; Section 2: Global and regional Market competition by company; Section 3: Global and regional sales revenue, volume and price by type; Section 4: Global and regional sales revenue, volume and price by application; Section 5: Regional export and import; Section 6: Company information, business overview, sales data and product specifications; Section 7: Industry chain and raw materials; Section 8: SWOT and Porter's Five Forces;		
Section 9: Conclusion.		



## **Contents**

#### 1 MARKET OVERVIEW

- 1.1 Market Segment Overview
  - 1.1.1 Product Definition
  - 1.1.2 Market by Type
    - 1.1.2.1 Electric stove wire muffle furnace
    - 1.1.2.2 Silicon carbide muffle furnace
    - 1.1.2.3 Silicon molybdenum rods muffle furnace
  - 1.1.3 Market by Application
    - 1.1.3.1 Hot working & Industrial workpiece processing
    - 1.1.3.2 Pharmaceutical industry
    - 1.1.3.3 Chemical analysis
    - 1.1.3.4 Coal quality analysis
- 1.2 Global and Regional Market Size
  - 1.2.1 Global Overview
  - 1.2.2 Market by Region
    - 1.2.2.1 Asia-Pacific
    - 1.2.2.2 North America
    - 1.2.2.3 Europe
    - 1.2.2.4 South America
    - 1.2.2.5 Middle East & Africa

#### 2 GLOBAL AND REGIONAL MARKET BY COMPANY

- 2.1 Global
  - 2.1.1 Global Sales by Company
  - 2.1.2 Global Price by Company
- 2.2 Asia-Pacific
  - 2.2.1 Asia-Pacific Sales by Company
  - 2.2.2 Asia-Pacific Price by Company
- 2.3 North America
  - 2.3.1 North America Sales by Company
  - 2.3.2 North America Price by Company
- 2.4 Europe
  - 2.4.1 Europe Market Sales by Company
  - 2.4.2 Europe Price by Company
- 2.5 South America



- 2.5.1 South America Sales by Company
- 2.5.2 South America Price by Company
- 2.6 Middle East & Africa
  - 2.6.1 Middle East & Africa Sales by Company
  - 2.6.2 Middle East & Africa Price by Company

#### **3 GLOBAL AND REGIONAL MARKET BY TYPE**

- 3.1 Global
  - 3.1.1 Global Sales by Type
  - 3.1.2 Global Price by Type
- 3.2 Asia-Pacific
  - 3.2.1 Asia-Pacific Sales by Type
  - 3.2.2 Asia-Pacific Price by Type
- 3.3 North America
  - 3.3.1 North America Sales by Type
  - 3.3.2 North America Price by Type
- 3.4 Europe
  - 3.4.1 Europe Market Sales by Type
  - 3.4.2 Europe Price by Type
- 3.5 South America
  - 3.5.1 South America Sales by Type
  - 3.5.2 South America Price by Type
- 3.6 Middle East & Africa
  - 3.6.1 Middle East & Africa Sales by Type
  - 3.6.2 Middle East & Africa Price by Type

#### 4 GLOBAL AND REGIONAL MARKET BY APPLICATION

- 4.1 Global
  - 4.1.1 Global Sales by Application
  - 4.1.2 Global Price by Application
- 4.2 Asia-Pacific
  - 4.2.1 Asia-Pacific Sales by Application
  - 4.2.2 Asia-Pacific Price by Application
- 4.3 North America
  - 4.3.1 North America Sales by Application
  - 4.3.2 North America Price by Application
- 4.4 Europe



- 4.4.1 Europe Market Sales by Application
- 4.4.2 Europe Price by Application
- 4.5 South America
  - 4.5.1 South America Sales by Application
  - 4.5.2 South America Price by Application
- 4.6 Middle East & Africa
  - 4.6.1 Middle East & Africa Sales by Application
  - 4.6.2 Middle East & Africa Price by Application

#### **5 REGIONAL TRADE**

- 5.1 Export
- 5.2 Import

#### **6 KEY MANUFACTURERS**

- 6.1 ThermoFisher Scientific
  - 6.1.2 Company Information
  - 6.1.2 Product Specifications
  - 6.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.2 Brother furnace
  - 6.2.1 Company Information
  - 6.2.2 Product Specifications
- 6.2.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.3 Nabertherm
  - 6.3.1 Company Information
  - 6.3.2 Product Specifications
  - 6.3.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.4 Texcare International
  - 6.4.1 Company Information
  - 6.4.2 Product Specifications
  - 6.4.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.5 Exacta Furnaces
  - 6.5.1 Company Information
  - 6.5.2 Product Specifications
  - 6.5.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.6 Yamato Scientific
  - 6.6.1 Company Information
  - 6.6.2 Product Specifications



- 6.6.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.7 Zhengzhou Kejia Furnace Co., Ltd
  - 6.7.1 Company Information
  - 6.7.2 Product Specifications
  - 6.7.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.8 Buhler
  - 6.8.1 Company Information
  - 6.8.2 Product Specifications
  - 6.8.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.9 Neytech
  - 6.9.1 Company Information
  - 6.9.2 Product Specifications
  - 6.9.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.10 CarboliteGero
  - 6.10.1 Company Information
  - 6.10.2 Product Specifications
  - 6.10.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.11 Pyramid
- 6.12 Furnace Industries
- 6.13 Henan Sante Furnace Technology Co., Ltd.
- 6.14 Labotery
- 6.15 IRM

#### 7 INDUSTRY UPSTREAM

- 7.1 Industry Chain
- 7.2 Raw Materials

#### **8 MARKET ENVIRONMENT**

- **8.1 SWOT**
- 8.2 Porter's Five Forces

#### 9 CONCLUSION



## **List Of Tables**

#### LIST OF TABLES

Table Global Market Sales Revenue by Company 2011-2017

Table Global Market Sales Revenue Share by Company 2011-2017

Table Global Market Sales Volume by Company 2011-2017

Table Global Market Sales Volume Share by Company 2011-2017

Table Global Price by Company 2011-2017

Table Asia-Pacific Market Sales Revenue by Company 2011-2017

Table Asia-Pacific Market Sales Revenue Share by Company 2011-2017

Table Asia-Pacific Market Sales Volume by Company 2011-2017

Table Asia-Pacific Market Sales Volume Share by Company 2011-2017

Table Asia-Pacific Price by Company 2011-2017

Table North America Market Sales Revenue by Company 2011-2017

Table North America Market Sales Revenue Share by Company 2011-2017

Table North America Market Sales Volume by Company 2011-2017

Table North America Market Sales Volume Share by Company 2011-2017

Table North America Price by Company 2011-2017

Table Europe Market Sales Revenue by Company 2011-2017

Table Europe Market Sales Revenue Share by Company 2011-2017

Table Europe Market Sales Volume by Company 2011-2017

Table Europe Market Sales Volume Share by Company 2011-2017

Table Europe Price by Company 2011-2017

Table South America Market Sales Revenue by Company 2011-2017

Table South America Market Sales Revenue Share by Company 2011-2017

Table South America Market Sales Volume by Company 2011-2017

Table South America Market Sales Volume Share by Company 2011-2017

Table South America Price by Company 2011-2017

Table Middle East & Africa Market Sales Revenue by Company 2011-2017

Table Middle East & Africa Market Sales Revenue Share by Company 2011-2017

Table Middle East & Africa Market Sales Volume by Company 2011-2017

Table Middle East & Africa Market Sales Volume Share by Company 2011-2017

Table Middle East & Africa Price by Company 2011-2017

Table Global Market Sales Revenue by Type 2011-2017

Table Global Market Sales Revenue Share by Type 2011-2017

Table Global Market Sales Volume by Type 2011-2017

Table Global Market Sales Volume Share by Type 2011-2017

Table Global Price by Type 2011-2017



Table Asia-Pacific Market Sales Revenue by Type 2011-2017

Table Asia-Pacific Market Sales Revenue Share by Type 2011-2017

Table Asia-Pacific Market Sales Volume by Type 2011-2017

Table Asia-Pacific Market Sales Volume Share by Type 2011-2017

Table Asia-Pacific Price by Type 2011-2017

Table North America Market Sales Revenue by Type 2011-2017

Table North America Market Sales Revenue Share by Type 2011-2017

Table North America Market Sales Volume by Type 2011-2017

Table North America Market Sales Volume Share by Type 2011-2017

Table North America Price by Type 2011-2017

Table Europe Market Sales Revenue by Type 2011-2017

Table Europe Market Sales Revenue Share by Type 2011-2017

Table Europe Market Sales Volume by Type 2011-2017

Table Europe Market Sales Volume Share by Type 2011-2017

Table Europe Price by Type 2011-2017

Table South America Market Sales Revenue by Type 2011-2017

Table South America Market Sales Revenue Share by Type 2011-2017

Table South America Market Sales Volume by Type 2011-2017

Table South America Market Sales Volume Share by Type 2011-2017

Table South America Price by Type 2011-2017

Table Middle East & Africa Market Sales Revenue by Type 2011-2017

Table Middle East & Africa Market Sales Revenue Share by Type 2011-2017

Table Middle East & Africa Market Sales Volume by Type 2011-2017

Table Middle East & Africa Market Sales Volume Share by Type 2011-2017

Table Middle East & Africa Price by Type 2011-2017

Table Global Market Sales Revenue by Application 2011-2017

Table Global Market Sales Revenue Share by Application 2011-2017

Table Global Market Sales Volume by Application 2011-2017

Table Global Market Sales Volume Share by Application 2011-2017

Table Global Price by Application 2011-2017

Table Asia-Pacific Market Sales Revenue by Application 2011-2017

Table Asia-Pacific Market Sales Revenue Share by Application 2011-2017

Table Asia-Pacific Market Sales Volume by Application 2011-2017

Table Asia-Pacific Market Sales Volume Share by Application 2011-2017

Table Asia-Pacific Price by Application 2011-2017

Table North America Market Sales Revenue by Application 2011-2017

Table North America Market Sales Revenue Share by Application 2011-2017

Table North America Market Sales Volume by Application 2011-2017

Table North America Market Sales Volume Share by Application 2011-2017



Table North America Price by Application 2011-2017

Table Europe Market Sales Revenue by Application 2011-2017

Table Europe Market Sales Revenue Share by Application 2011-2017

Table Europe Market Sales Volume by Application 2011-2017

Table Europe Market Sales Volume Share by Application 2011-2017

Table Europe Price by Application 2011-2017

Table South America Market Sales Revenue by Application 2011-2017

Table South America Market Sales Revenue Share by Application 2011-2017

Table South America Market Sales Volume by Application 2011-2017

Table South America Market Sales Volume Share by Application 2011-2017

Table South America Price by Application 2011-2017

Table Middle East & Africa Market Sales Revenue by Application 2011-2017

Table Middle East & Africa Market Sales Revenue Share by Application 2011-2017

Table Middle East & Africa Market Sales Volume by Application 2011-2017

Table Middle East & Africa Market Sales Volume Share by Application 2011-2017

Table Middle East & Africa Price by Application 2011-2017

Table Regional Export 2011-2017 (Value)

Table Regional Export 2011-2017 (Volume)

Table Regional Import 2011-2017 (Value)

Table Regional Import 2011-2017 (Volume)

Table Sales Revenue, Volume, Price, Cost and Margin of ThermoFisher Scientific

Table Sales Revenue, Volume, Price, Cost and Margin of Brother furnace

Table Sales Revenue, Volume, Price, Cost and Margin of Nabertherm

Table Sales Revenue, Volume, Price, Cost and Margin of Texcare International

Table Sales Revenue, Volume, Price, Cost and Margin of Exacta Furnaces

Table Sales Revenue, Volume, Price, Cost and Margin of Yamato Scientific

Table Sales Revenue, Volume, Price, Cost and Margin of Zhengzhou Kejia Furnace Co., Ltd

Table Sales Revenue, Volume, Price, Cost and Margin of Buhler

Table Sales Revenue, Volume, Price, Cost and Margin of Neytech

Table Sales Revenue, Volume, Price, Cost and Margin of CarboliteGero

Table Sales Revenue, Volume, Price, Cost and Margin of Pyramid

Table Sales Revenue, Volume, Price, Cost and Margin of Furnace Industries

Table Sales Revenue, Volume, Price, Cost and Margin of Henan Sante Furnace

Technology Co., Ltd.

Table Sales Revenue, Volume, Price, Cost and Margin of Labotery

Table Sales Revenue, Volume, Price, Cost and Margin of IRM



# **List Of Figures**

#### LIST OF FIGURES

Figure Electric stove wire muffle furnace Market Size and CAGR 2011-2017 (Value)

Figure Electric stove wire muffle furnace Market Size and CAGR 2011-2017 (Volume)

Figure Electric stove wire muffle furnace Market Forecast and CAGR 2018-2025 (Value)

Figure Electric stove wire muffle furnace Market Forecast and CAGR 2018-2025 (Volume)

Figure Silicon carbide muffle furnace Market Size and CAGR 2011-2017 (Value)

Figure Silicon carbide muffle furnace Market Size and CAGR 2011-2017 (Volume)

Figure Silicon carbide muffle furnace Market Forecast and CAGR 2018-2025 (Value)

Figure Silicon carbide muffle furnace Market Forecast and CAGR 2018-2025 (Volume)

Figure Silicon molybdenum rods muffle furnace Market Size and CAGR 2011-2017 (Value)

Figure Silicon molybdenum rods muffle furnace Market Size and CAGR 2011-2017 (Volume)

Figure Silicon molybdenum rods muffle furnace Market Forecast and CAGR 2018-2025 (Value)

Figure Silicon molybdenum rods muffle furnace Market Forecast and CAGR 2018-2025 (Volume)

Figure Hot working & Industrial workpiece processing Market Size and CAGR 2011-2017 (Value)

Figure Hot working & Industrial workpiece processing Market Size and CAGR 2011-2017 (Volume)

Figure Hot working & Industrial workpiece processing Market Forecast and CAGR 2018-2025 (Value)

Figure Hot working & Industrial workpiece processing Market Forecast and CAGR 2018-2025 (Volume)

Figure Pharmaceutical industry Market Size and CAGR 2011-2017 (Value)

Figure Pharmaceutical industry Market Size and CAGR 2011-2017 (Volume)

Figure Pharmaceutical industry Market Forecast and CAGR 2018-2025 (Value)

Figure Pharmaceutical industry Market Forecast and CAGR 2018-2025 (Volume)

Figure Chemical analysis Market Size and CAGR 2011-2017 (Value)

Figure Chemical analysis Market Size and CAGR 2011-2017 (Volume)

Figure Chemical analysis Market Forecast and CAGR 2018-2025 (Value)

Figure Chemical analysis Market Forecast and CAGR 2018-2025 (Volume)

Figure Coal quality analysis Market Size and CAGR 2011-2017 (Value)

Figure Coal quality analysis Market Size and CAGR 2011-2017 (Volume)



Figure Coal quality analysis Market Forecast and CAGR 2018-2025 (Value)

Figure Coal quality analysis Market Forecast and CAGR 2018-2025 (Volume)

Figure Global Muffle furnace Market Size and CAGR 2011-2017 (Value)

Figure Global Muffle furnace Market Size and CAGR 2011-2017 (Volume)

Figure Global Muffle furnace Market Forecast and CAGR 2018-2025 (Value)

Figure Global Muffle furnace Market Forecast and CAGR 2018-2025 (Volume)

Figure Asia-Pacific Muffle furnace Market Size and CAGR 2011-2017 (Value)

Figure Asia-Pacific Muffle furnace Market Size and CAGR 2011-2017 (Volume)

Figure Asia-Pacific Muffle furnace Market Forecast and CAGR 2018-2025 (Value)

Figure Asia-Pacific Muffle furnace Market Forecast and CAGR 2018-2025 (Volume)

Figure North America Muffle furnace Market Size and CAGR 2011-2017 (Value)

Figure North America Muffle furnace Market Size and CAGR 2011-2017 (Volume)

Figure North America Muffle furnace Market Forecast and CAGR 2018-2025 (Value)

Figure North America Muffle furnace Market Forecast and CAGR 2018-2025 (Volume)

Figure Europe Muffle furnace Market Size and CAGR 2011-2017 (Value)

Figure Europe Muffle furnace Market Size and CAGR 2011-2017 (Volume)

Figure Europe Muffle furnace Market Forecast and CAGR 2018-2025 (Value)

Figure Europe Muffle furnace Market Forecast and CAGR 2018-2025 (Volume)

Figure South America Muffle furnace Market Size and CAGR 2011-2017 (Value)

Figure South America Muffle furnace Market Size and CAGR 2011-2017 (Volume)

Figure South America Muffle furnace Market Forecast and CAGR 2018-2025 (Value)

Figure South America Muffle furnace Market Forecast and CAGR 2018-2025 (Volume)

Figure Middle East & Africa Muffle furnace Market Size and CAGR 2011-2017 (Value)

Figure Middle East & Africa Muffle furnace Market Size and CAGR 2011-2017 (Volume)

Figure Middle East & Africa Muffle furnace Market Forecast and CAGR 2018-2025 (Value)

Figure Middle East & Africa Muffle furnace Market Forecast and CAGR 2018-2025 (Volume)

Figure Global Market Sales Revenue Share by Company in 2017

Figure Global Market Sales Volume Share by Company in 2017

Figure Asia-Pacific Market Sales Revenue Share by Company in 2017

Figure Asia-Pacific Market Sales Volume Share by Company in 2017

Figure North America Market Sales Revenue Share by Company in 2017

Figure North America Market Sales Volume Share by Company in 2017

Figure Europe Market Sales Revenue Share by Company in 2017

Figure Europe Market Sales Volume Share by Company in 2017

Figure South America Market Sales Revenue Share by Company in 2017

Figure South America Market Sales Volume Share by Company in 2017

Figure Middle East & Africa Market Sales Revenue Share by Company in 2017



Figure Middle East & Africa Market Sales Volume Share by Company in 2017

Figure Global Market Sales Revenue Share by Type in 2017

Figure Global Market Sales Volume Share by Type in 2017

Figure Asia-Pacific Market Sales Revenue Share by Type in 2017

Figure Asia-Pacific Market Sales Volume Share by Type in 2017

Figure North America Market Sales Revenue Share by Type in 2017

Figure North America Market Sales Volume Share by Type in 2017

Figure Europe Market Sales Revenue Share by Type in 2017

Figure Europe Market Sales Volume Share by Type in 2017

Figure South America Market Sales Revenue Share by Type in 2017

Figure South America Market Sales Volume Share by Type in 2017

Figure Middle East & Africa Market Sales Revenue Share by Type in 2017

Figure Middle East & Africa Market Sales Volume Share by Type in 2017

Figure Global Market Sales Revenue Share by Application in 2017

Figure Global Market Sales Volume Share by Application in 2017

Figure Asia-Pacific Market Sales Revenue Share by Application in 2017

Figure Asia-Pacific Market Sales Volume Share by Application in 2017

Figure North America Market Sales Revenue Share by Application in 2017

Figure North America Market Sales Volume Share by Application in 2017

Figure Europe Market Sales Revenue Share by Application in 2017

Figure Europe Market Sales Volume Share by Application in 2017

Figure South America Market Sales Revenue Share by Application in 2017

Figure South America Market Sales Volume Share by Application in 2017

Figure Middle East & Africa Market Sales Revenue Share by Application in 2017

Figure Middle East & Africa Market Sales Volume Share by Application in 2017

Figure Industry Chain Overview

Figure Muffle furnace SWOT List

Figure Machinery & Equipment Porter's Five Forces



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