

# Global Muffle furnace Market Data Survey Report 2025

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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.

The global Muffle furnace market will reach Volume Million USD in 2017 with CAGR xx% 2018-2025. The main contents of the report including:

Global market size and forecast Regional market size, production data and export & import

Key manufacturers (manufacturing sites, capacity and production, product specifications etc.)

Average market price by SUK

Major applications

Key manufacturers are included based on manufacturing sites, capacity and production, product specifications etc.:

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

Major applications  
as follows:

Hot working & Industrial workpiece processing

Pharmaceutical industry

Chemical analysis

Coal quality analysis

Regional market size, production data and export & import:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

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