



**Laboratories Muffle Furnace
Model: ADL-MF12**

**ADL-MF12
(4-10)**



**ADL-MF12
(5-12)**



Application

This series of muffle furnace can be used for element analysis and determination in laboratories, industrial and mining enterprises and scientific research institutions and for heat treatment and heating such as quenching, annealing and tempering of general small steel parts. The high-temperature furnaces can also be used for high-temperature heating such as sintering, dissolution and analysis of metals and ceramics

ADL-MF12 Structure Type

New type of high temperature resistant materials studio for furnace, heating element adopts special nickel-chrome filament production.

The control component is arranged in the lower part of the furnace, to avoid damage caused by high temperature electrical components.

The furnace and the furnace shell with high density insulation materials, special insulation design, more efficient Porous heat dissipation design of the shell makes the surface temperature of the furnace shell low

Digital display of temperature control system, microcomputer intelligent PID control technology, high temperature control accuracy, and over temperature alarm function

Model	Max temp. °C	Voltage	Power KW	Internal size (mm) (H×W×D)	External size (mm) (H×W×D)	Packing size (mm) (H×W×D)	N.W KG	G.W KG
ADL-MF12: 2.5-10	1000	220V	2.5	80×120×200	560×410×490	680×490×570	72	82
ADL-MF12: 4-10	1000	220V	4	120×200×300	640×490×630	760×570×710	106	119
ADL-MF12: 5-12	1200	220V	5	120×200×300	640×490×630	760×570×710	106	119
ADL-MF12: 8-10	1000	380V	8	160×250×400	780×580×770	900×660×850	149	162.5
ADL-MF12: 8-12	1200	380V	8	160×250×400	780×580×770	900×660×850	149	162.5

AdLab Instruments Co., Ltd

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⊕ Furnace cavity

Sintered from a new type of refractories, furnace chamber and enclosure filled with thermal insulation



⊕ High temperature platinum thermocouple

High-temperature platinum thermocouple, accurate temperature, high durability



⊕ Furnace door

Multiple sets of hinges are used to fix the furnace door tightly to the furnace mouth with a lever to seal the furnace chamber



⊕ Digital temperature controller

Intelligent control technology, high temperature control accuracy, over temperature alarm function

AdLab

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**Technical Data Subject to change without notice.*

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AdLab is a globally recognized brand specializing in the manufacturing and supply of high-quality laboratory equipment and textile testing instruments. With over 15 years of experience, we are committed to delivering precision-engineered solutions that meet the needs of industries such as textiles, pharmaceuticals, research laboratories, and educational institutions. Our products are designed to enhance efficiency, accuracy, and reliability in scientific and industrial applications.

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Our Products

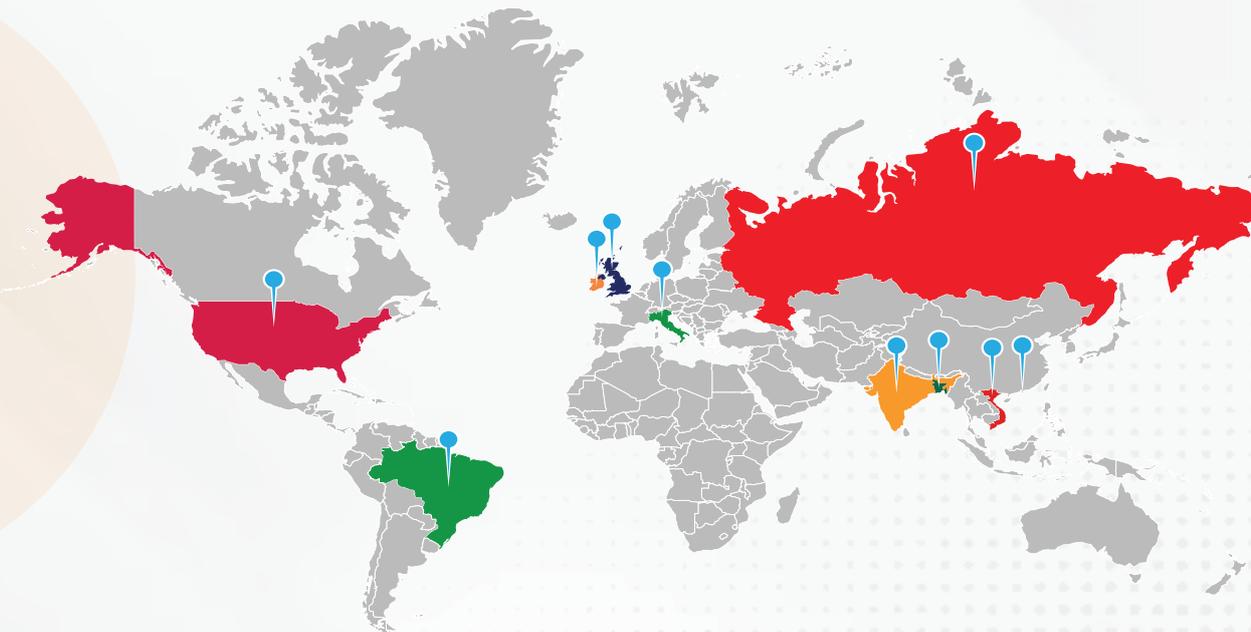
AdLab offers a wide range of high-quality laboratory and textile testing instruments, including Yarn & Fiber Testing Instruments, Laboratory Fume Hood Chambers, Ovens & Incubators, Water Baths, Textile Testing Instruments, Dyeing & Finishing Machines, Ceramic Testing, Tensile Testing, Washers & Dryers, Needle Detectors, and In-House Testing Equipment. Designed for precision and efficiency, our products ensure accurate testing and reliable performance across various industries.

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- ✓ Customized Solutions – We provide tailored solutions to meet specific industry requirements, helping our clients achieve maximum efficiency in their operations.

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