

MUFUS Laboratory Muffle Furnace





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Catalogue




COLO Series of MUFUS Laboratory Muffle Furnace is developed by our R&D team to meet high demand of sample preparation in laboratory research. The furnace construction is made of profiled steel sheet, the stainless-steel frame is filled with ceramic brick. Reasonable safety design. The furnace chamber is made of high-quality ceramics. The insulating space of the furnace consists of a layer of ceramic fibers, based on aluminum oxide, and air flow so that heat losses are reduced to a minimum. Lateral translation opening furnace door, mounted on mechanism of levers and springs. They are filled with appropriate insulation to save 60% of energy. The furnace is painted with electrostatic coating and backed in the painting chamber. Optional 40-segment program temperature control system: various temperature rising and cooling programs can be programmed as needed.

 **Digital PID Thermo Controller**

 **Power will be automatically cut off after the furnace door is opened**

 **Over-temperature protection function.**

 **Intelligent control system is precise, fuzzy logic, self-tuning, and parameter memory.**

ITEM	MUFUS2	MUFUS7	MUFUS12	MUFUS17	MUFUS24	MUF250US36
Volume L	2	7	12	17	24	36
Power supply	220V		380			
Power kW	1.5	2.9	4	5.3	5.9	9.8
Max temp	1200°C					
Heating time (min)	≤20°C					
Temperature control accuracy (°C)	±1					
Heating element	Furnace heaters are made of alloyed electro resistant wire Kanthal A1					
Chamber size	120x200x80	200 x 300 x 120	200 x 300 x 200	250 x 450 x 150	250x450x210	300 x 400 x 300



Specially designed door, mounted on a system of levers and springs, by moving it to the side saves space in front devices provide easy sample handlings.

COLO LabExperts

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Please note
 If this Muffle Furnace does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.