



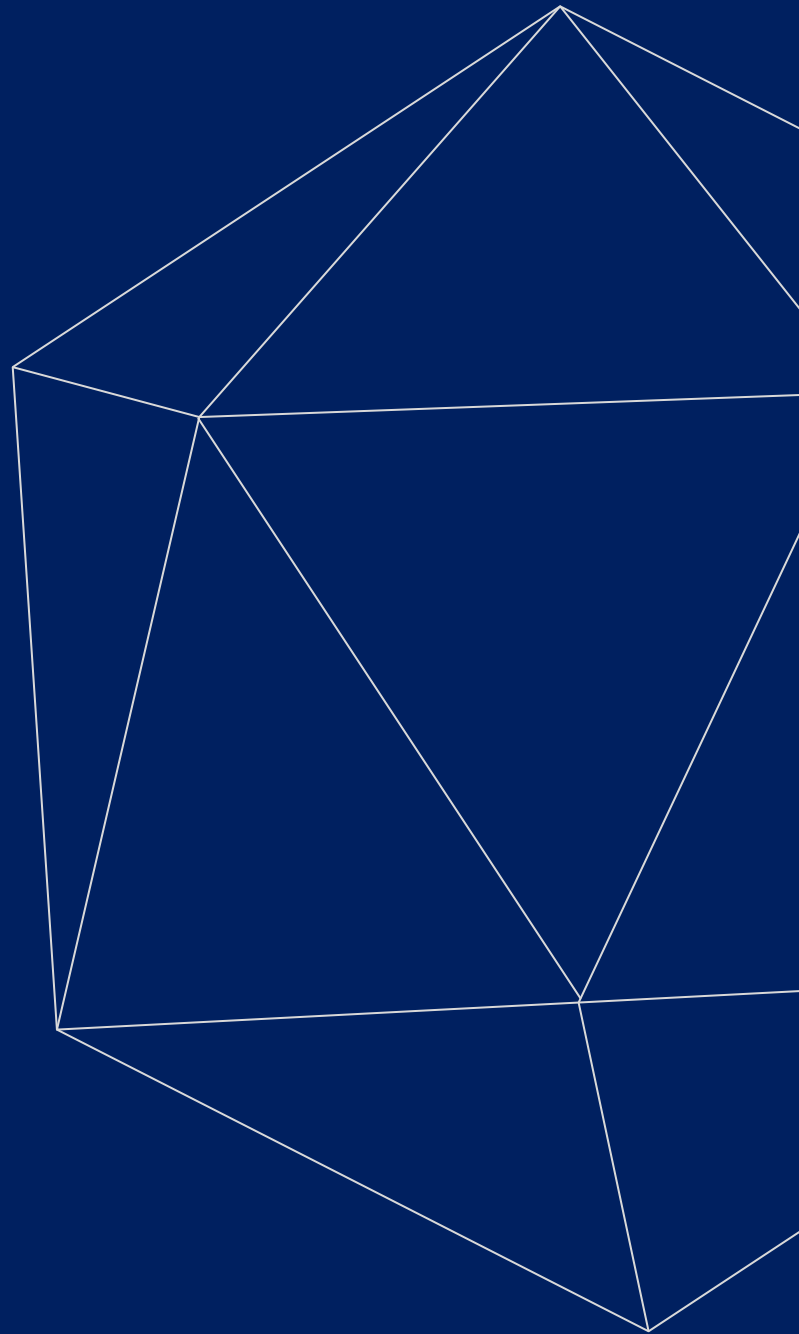
# LABORATORY LINES

## MUFFLE FURNACE



**Kalstein**®

A different accompaniment, at your service





# Kalstein®

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OUR SERVICES

## Benefits and Support

In Kalstein France, we take care of the full satisfaction of our customers, that is why we provide value-added services of the highest level based on our experience.



### Online Inductions and Trainings

In any part of the world, receive your induction or training from our specialized team of engineers



### Quick Response

Our work team is always available to response all your consults or questions, in order to support you in any situation.



### #Letsgivemore ♥

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### Technical Support

Enjoy of personalized advice for the correct preventive and corrective maintenance of your equipment, thanks to Kalstein's manuals and articles, special catalogues and video tutorials.



### Delivery Logistics

We take care of all the necessary logistics for the dispatch of your goods, whether is by sea, land or air.



### Kalstein Worldwide

With more than 25 years growing with our customers, Kalstein's multiformat and modern content, is now present in more than 10 countries and increasing.



## KALSTEIN® Muffle Furnace

Model Series YR05272



### Product Description

YR series muffle furnace adopts box type structure, is more convenient to put and take material, and the max. temperature of the furnace can be up to 1700°C. It can be customized according to your needs. YR muffle furnace uses double carbon steel layer shell and 30 segment PID control. The furnace consists of high purity alumina polycrystalline fibber brick and high quality heating element. This furnace equips with air cooling system, which makes temperature cool and rise quickly. It is an ideal tool for materials annealing and sintering , composition analysis, quality testing, ashing in college lab, research institutes, etc..

### Standard Features

- ✓ 1200°C,1400°C,1700°C maximum operating temperature;
- ✓ High purity fibrous alumina insulation for maximum energy saving;
- ✓ Double layer steel structure with air cooling fan to keep furnace's exteriors safe to touch;
- ✓ Safety interlock will automatic power off the furnace when door is opened;
- ✓ PID automatic control via current limiting phase angle fired the resistor, e.g. SC R(Silicon Controlled Rectifier);
- ✓ Power control with 30 segments programmable.

### Accessories (*specify these at time of order*)

#### Standard Accessories

- Thermal gloves | Crucible Tongs | Thermocouple | Crucibles
- | Furnace Door Block | User Manual

#### Optional

- Different chamber size for your choose;
- LCD touch screen control for choose
- Program software to connect computer for choose.
- Content may be subject to modifications or corrections



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 KALSTEIN FRANCE, S. A. S



## KALSTEIN® Muffle Furnace Model Series YR05272



Model	Chamber Size ( D x W x H ) (cm)	Capacity	Max. Temp	Continuous Working Temperature	Heather	Thermocouple	Working Voltage	Max. Power	Weight
YR05272	10x10x10	1							70KG 11KG
YR05273	20x15x15	4,5							93kg
YR05274	30x20x12	7,2	1200	≅1100°C	Fe-Cr-Al-Mo Wire	K type		1-9KW	84kg
YR05275	30x20x20	12							124kg
YR05276	40x30x30	36							178kg
YR05277	10x10x10	1							61kg
YR05278	20x15x15	4,5					220-380V		94kg
YR05279	30x20x20	12	1400	≅1300°C	SiC heater	S typer			127kg
YR05280	40x30x30	36						1-16KW	180kg
YR05281	10x10x10	1							66kg
YR05282	20x15x15	4,5							136kg
YR05283	30x20x20	12	1700	≅1600°C	MoSi2 heater	B type			190kg
YR05284	40x30x30	36							310kg



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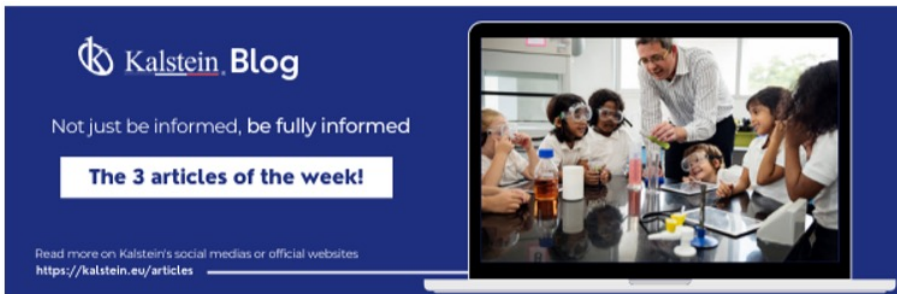


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Not just be informed, be fully informed

**The 3 articles of the week!**

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**1**  
Read this ARTICLE NOW



**How does the climate affect your microscope?**

microscope is an instrument that allows observing and measuring objects at a very small scale. This is achieved through a complex system of lenses, which form

**Kalstein Blog**

**Article of the week:**  
How does the climate affect your microscope?

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**2**  
Read this ARTICLE NOW



**What is the importance of the laboratory refrigerator?**

refrigerator is a device that is one of the most used equipment in laboratories to maintain, in a controlled environment (refrigerated space), various fluids and substances

**Kalstein Blog**

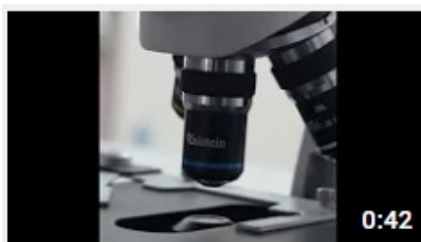
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What is the importance of the laboratory refrigerator?

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