



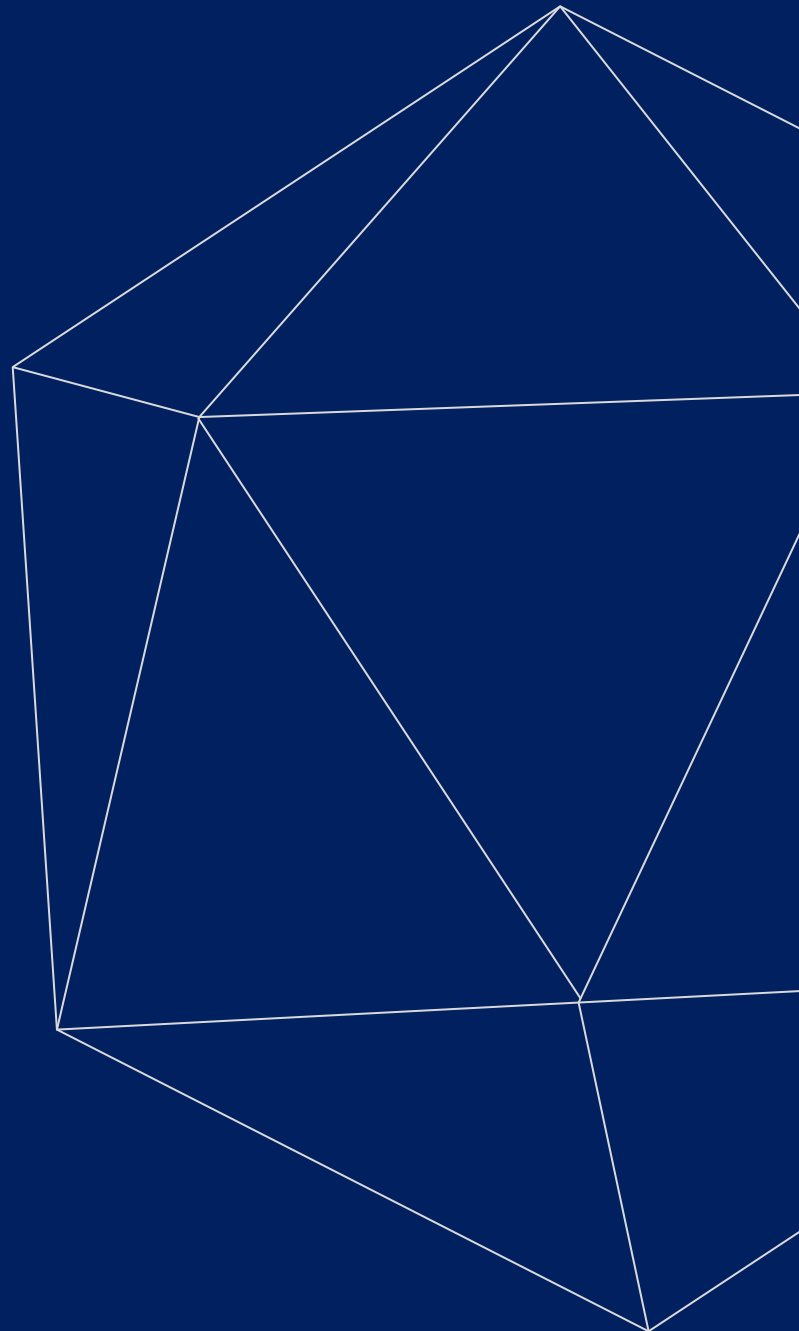
LABORATORY LINES

MUFFLE FURNACE



Kalstein®

A different accompaniment, at your service





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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 ♥

Thanks to your purchase, a donation will be made to a non-profit foundation that fights against breast cancer and helps most vulnerable communities.



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® Regular Tube Furnace Model YR014TPC3



Furnace Structure & Chamber:

High purity fibrous alumina insulation for maximum energy saving 60-80% less power consumption than other old style.

Heavy duty double layer structure with cooling fan to keep furnace exteriors safe to touch.

- ✓ Furnace shell material: steel; chamber material: Alumina ceramic fiber. Body type: closed;
- ✓ Max. temperature: 1400.C; continuous Working temperature: 1300.C ;
- ✓ Corundum tube Dia. OD80mm, ID70mm; heating zone: ✓ 300mm long, Constant Zone: 100mm ±1.C, 200mm ±5- 10.C;
- ✓ Rated voltage: AC 220V, 50/60Hz, Power: 6kw; Temperature Control: PID automatic control and auto-

tune function. 30 programmable segments for precise control. Heating Rate: 0-30.C/min, Suggest to use 10~15.C/min; Temperature Accuracy: ±1.C;

- ✓ Heating Element: SiC heater ; Thermal couple: S type ; sealing way: S/S 304 flanges with valves.
- ✓ Max. vacuum level: 10pa, Vacuum Unit: Mechanical Pump with vacuum valves and Bellows pipes; Vacuum measuring: Resistance Vacuum Gauge; Match one gas channel with inlet/outlet gas port & valves, Gas available: Nitrogen, Argon and other Inert gas. Max. pressure: <0.02Mpa;
- Regular Accessories: Reserve heater 2pc, Tube block 2pc, Alumina Tube 1 pc, Sealing Flange 1 Set, Vacuum Gauge 1pc, Vacuum pump 1pc, Stainless steel hook 1pc, Thermal gloves 1 pair, Operation manual 1pc.



#Let's Give More ❤️

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KALSTEIN® Regular Tube Furnace Model YR014TPC3



Max. Temperature:	1200.C / 1400.C / 1700.C/1800.C
Working temperature:	1100.C/1300.C/1600.C/1700.C
Rated voltage & Power:	AC 220/380V, 50/60Hz; Power: from 2kw to 20kw or more. Depend on heating zone area.
Tube Materials and size:	Quartz tube (0~1200.C range); Alumina tube (0~1400.C range)and (0~1700.C/1800.C range); Size: Dia(OD40mm,60mm,80mm,100mm,120mm) or bigger
Heating zone:	1/2/3/5 heating zone optional; Each heating zone length: 200mm,300mm,400mm,600mm or more long.
Tube sealing:	With stainless steel flanges at both ends to sealing.
Temperature Control:	PID automatic control and 30 programmable segments for precise control.
Heating Rate:	0-30.C/min,Suggest to use 10.C/min under 1400.C, 1400.C-1600.C 5.C/min
Heating Element:	electric resistance wire (0~1200.C range);SiC rod (0~1400.C range) MoSi2 rod (0~1700.C/1800.C range)
Thermal couple:	K type (0~1200.C range); S type (0~1400.C range); B type (0~1700.C/1800.C range);
Inert gas	N ₂ ,O ₂ ,CO ₂ atmosphere protective available.
Low Vacuum:	-0.1Mpa;
High vacuum Optional:	10Pa, 1.33x10 ⁻¹ ~1.33x10 ⁻² Pa, 1.33x10 ⁻³ Pa or higher;
Regular Accessories:	Vacuum pump 1pc,Stainless steel hook 1pc,Thermal gloves 1 pair,Operation manual 1pc.
Optional parts :	PLC touch screen controller, paperless recorder,Remotecomunication control system, 2-4 gas mixing system, higher vacuum optional.



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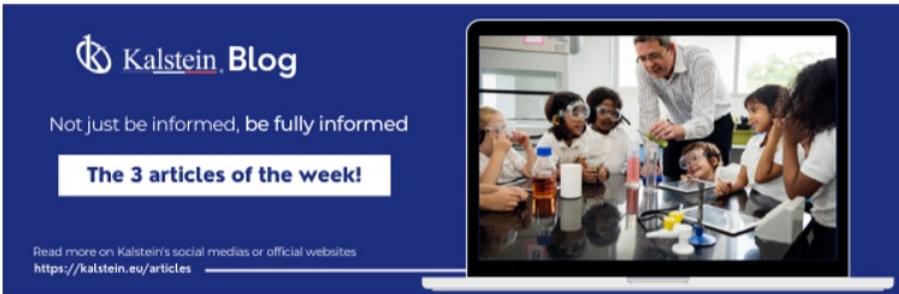
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refrigerator is a device that is one of the most used equipment in laboratories to maintain, in a controlled environment (refrigerated space), various fluids and substances.

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