



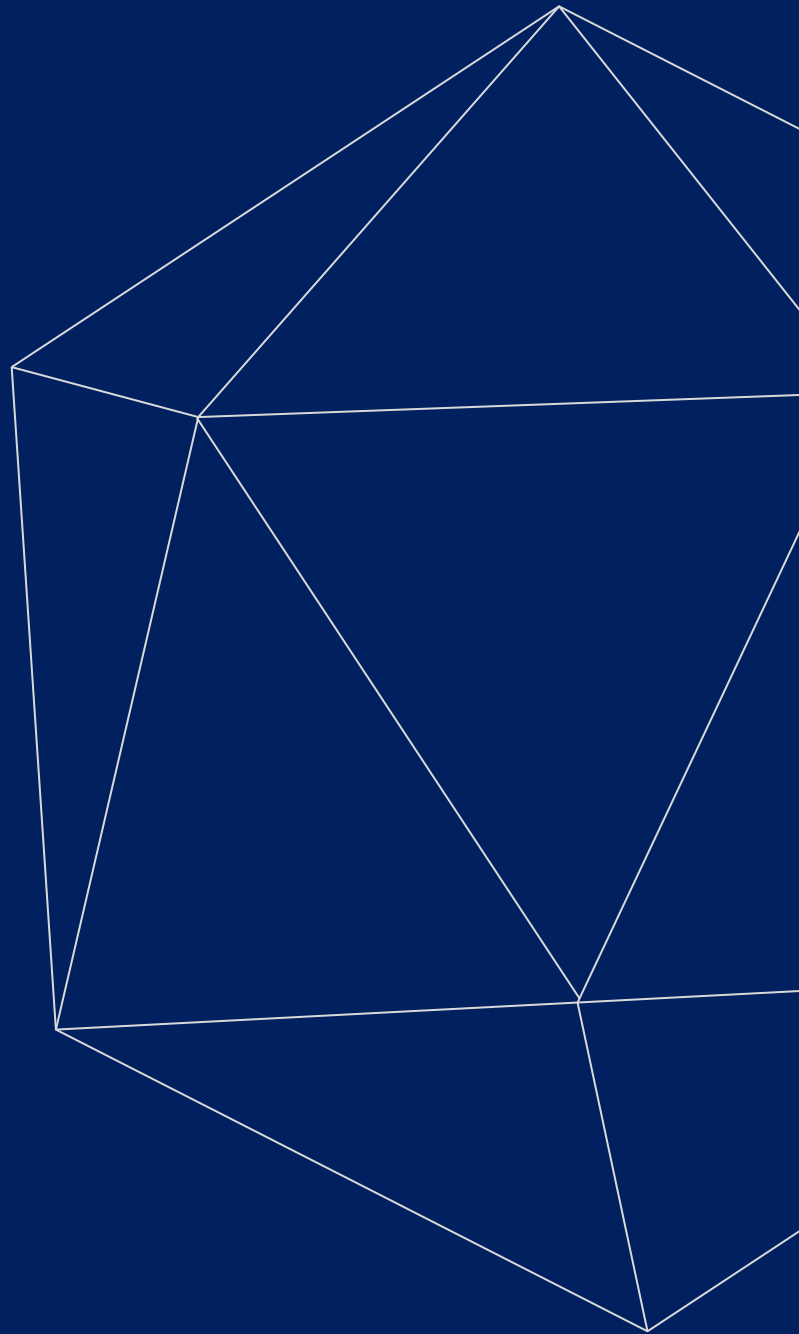
# LABORATORY LINES

## FREEZER DRYER



**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.



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



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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.



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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.



## Electric Heating Pilot Freezer Dryer

Model Series YR010FA // YR050FD



### Electric Heating Pilot Freeze Dryer

Pilot freeze dryer is in situ freeze dryer, it is microprocessor-controlled, pre-cooling and freeze-drying are completed in one process, which is the best choice for scientific research, development and small batch production.

#### Features

- In Situ Freeze Dryer, Easy to Operate and Good Drying Effect
- Small shelf temperature difference, High temperature control precision and uniform drying effect
- 7 inch Color Touch Screen, USB interface
- Powerful sensor calibration to ensure accurate measurement of long-term use
- Preserve hundreds of process recipes, each of which contains 36 temperature control sections
- Flexible manual mode and automatic control mode
- Real-time alarm display and historical alarm query function
- The user level and password can be set, and decentralized operation management



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2 Rue Jean Lantier • 75001 Paris •  
+33 1 78 95 87 89 / +33 6 80 76 07 10 •  
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## Electric Heating Pilot Freezer Dryer

Model Series YR010FA // YR050FD



### Specification

Model	YR010FA	YR010FB	YR030FD	YR050FD
Freeze-dried area	0.2m <sup>2</sup>	0.1m <sup>2</sup>	0.4m <sup>2</sup>	0.6m <sup>2</sup>
Panel material (material thickness 10mm)	2L	1L	4L	6L
Material tray	395 × 265mm 2 layers	395×265mm 1 layers	295×335mm 4 layers	295×335mm 6 layers
Material plate spacing	70mm			50mm
Shelf temperature range	-50°C~+70°C			
Cold trap temperature	≤ -60°C (no load), optional ≤ -80°C (no load)			
Water catching capacity	≥6KG/24h		≥8KG/24h	≥10KG/24h
Ultimate vacuum	≤ 5pa (no load)			
Power	2000w		2700W	4500w
Host weight	210kg		280kg	450kg
Mainframe dimensions	655×640×1200mm	655×640×1200mm	890×660×1210 mm	890×670×1470mm



**#Let'sgive more** ❤️

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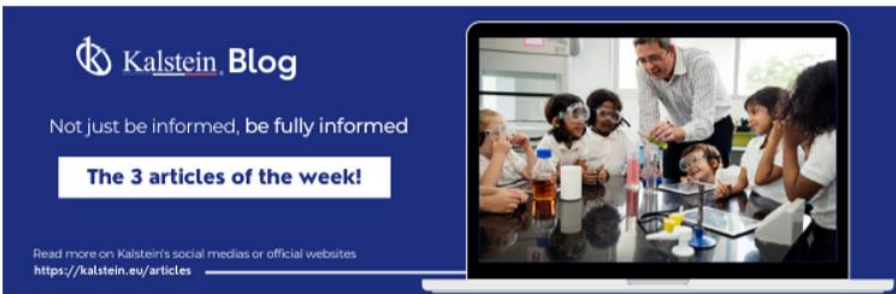
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PARIS - FRANCE  
**HEADQUARTER**  
2 Rue Jean Lantier  
75001 Paris - France

**Tlf:** +33 (0) 01 78 95 87 89  
**Cel:** +33 (0) 6 80 76 07 10  
[sales@kalstein.eu](mailto:sales@kalstein.eu)

<https://kalstein.eu/>  
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