



A different accompaniment, at your service



 **Kalstein**®

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LABORATORY SECTOR
WATER SYSTEMS

www.kalstein.net/en/



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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

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® Water Systems

Ultrapure water System

Model YR53 // YR53-1



Product Feature:

Atomic absorption/emission spectroscopy, mass spectrum, TOC detection, environmental monitoring, biochip development, trace organic matter analysis



Features:

- ✓ The case adopts ABS plastic spraying process; the appearance adopts curve design to be more beautiful and generous with removable drain tank
- ✓ All Korean-style quick-inserted filter columns in the entire system are built into the chassis; easy maintenance and replacement;
- ✓ Water quality online monitoring system, which can measure the water quality of the produced water immediately;
- ✓ Equipped with a portable TDS pen, which can test TDS content, conductance and water temperature anytime and anywhere;
- ✓ Touch the keys, two water quality, ready to use;
- ✓ Touch the door to open the door design, the replacement of the filter element is simple and fast, the entire process does not require any tools, and the filter element replacement is easily completed;
- ✓ Support WIFI expansion interface, provide mobile APP remote monitoring function, improve user experience; (optional)
- ✓ Chinese LCD display and user-friendly operation interface allow you to fully monitor the working status and real-time data of the controller;
- ✓ Four user passwords and factory password protection;
- ✓ Perfect RO pure water and ultrapure water to make water, system water extraction, system flushing and other functions.
- ✓ Perfect raw water pressure display, no water protection, high pressure water full protection functions and fault alarm function.
- ✓ Complete consumable life management function, support the unique ID identification function of consumables, and eliminate counterfeit and inferior non-original consumables. (Optional)
- ✓ It adopts low-voltage 24VDC as the main power supply, which complies with the safety regulations and meets the use in humid environments without causing harm to people.



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KALSTEIN® Water Systems

Ultrapure water System

Model YR53 // YR53-1



Technical Description:

| | | |
|--------------------------------|--|---|
| Model | YR53 | YR53-1 |
| Inlet water source | Urban tap water, inlet water pressure: 0.15-0.5MPa, water temperature 5-40°C | |
| Water flow speed | 1.5-2L/min | |
| Water making speed | 15 L/H | |
| 2 water outlets | RO water and UP water | |
| RO water quality | Desalination rate as high as 95-99% (with new RO membrane) | |
| UP water quality | Resistivity 18.25MΩ.cm@25°C(ASTM type I water), | Resistivity 18.25MΩ.cm@25°C, TOC: <3ppb, particles (>0.22um)<1/ml, microorganism<1cfu/ml, pyrogen<0.001EU/ml, RNases≤0.01ng/ml, DNases≤3Pg/ul |
| | TOC: <3ppb, particles (>0.22um)<1/ml, microorganism<1cfu/ml | |
| Power Source | 220V/50Hz; 48-72W | |
| Dimensions(mm) | L x W x H:31.2 x 47.5 x 47.5cm | |
| Standard configuration: | Main unit (including 1 set of consumable filters) +12L pressure tank + accessory package | |



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