



LABORATORY LINES

WATER SYSTEM



Kalstein®

A different accompaniment, at your service





Kalstein®

A different accompaniment, at your service

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

YR Smart Water System

YR58-1

YR Serie produce high quality pure water with superior sensitivity and low TOC (<30ppb).

Output water can be stored in anti-contamination water tank, and is an ideal solution for routine laboratory application. Technically combines RO Membrane, deionization and UV Lamp to achieve effective removal on all type of water contaminant. Built-in UV Lamp is ideal for low bacteria application.



Features:

1. Microprocessor Control

Fully automatic and self-diagnostic system monitors and controls working condition. PIN-coded access to software set points prevents unauthorized changes to operation or system settings.

2. Module-designed Cartridges

High quality and economical due to disposable integrated purification column design. Easy replacement and quick connection.

3. High precision resistivity meter

Flow-through structure make sure the real-time measurement of the actual ionic concentration in water. Low cell constant (0.01cm-1) to ensure optimum measurement accuracy of low ionic contamination. Automatic temperature compensation (0.1°C resolution) makes the value displayed on the screen meaningful.

4. Easy-to-read LCD display

User-friendly LCD provides optimal convenience, with indication on resistivity, resistivity, reservoirs water consumable changing reminder water quality.

5. Optional strengthened pre-treatment module

The water reservoir is made through cylindrical mold and blow molding process to avoid the generation of velum PE material ensure low extractives
Overflow protection tube eliminates the risk of flooding
Cone shape bottom guarantees no stagnant water and

facilitates easy clean

20' size long cartridge contains detergent.

Therefore, besides the feature of higher water throughput, feed water with extremely low quality can be properly dealt with
Contamination-Free Water Tank

Water level sensor combined with bottom pump enables 5-level automatic water production controls

Capacity of water reservoir includes 30L and 60L. Moreover, ultra big 350L water reservoir is available for special needs

The water reservoir is made through cylindrical mold and blow molding process to avoid the generation of velum PE material ensure low extractives
Overflow protection tube eliminates the risk of flooding
Cone shape bottom guarantees no stagnant water and facilitates easy clean

Optional UV lamp and vented filter maintain consistent purity of stored water and provide effective protection against airborne contaminants

Network Compatible

RS232 port allows for data collection and permanent record of water quality and system parameters, with date and time, to a PC or printer - essential for compliance with good laboratory practice guidelines



#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.



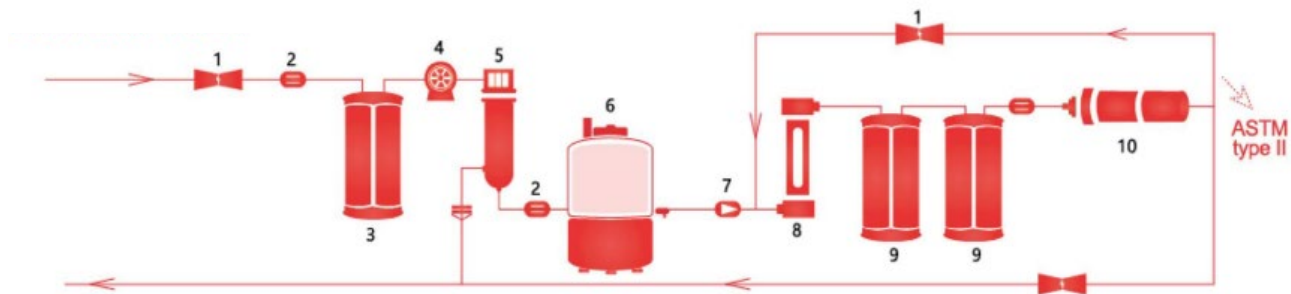
All rights reserved © KALSTEIN France S. A. S.,
2 Rue Jean Lantier • 75001 Paris •
+33 1 78 95 87 89 / +33 6 80 76 07 10 •
<https://kalstein.eu>
KALSTEIN FRANCE, S. A. S



KALSTEIN® Water Systems

YR Smart Water System

YR58-1



- 1 Solenoid Valve
- 2 Conductivity Sensor
- 3 Pre-treatment Module
- 4 Boost Pump
- 5 RO Module
- 6 Water Tank
- 7 Ball Valve
- 8 Single Wave UV Cartridge
- 9 Purification Module
- 10 Micro-Filtration Cartridge

Model

YR58-1

Feed Water Requirement	
Source	Tap water
Conductivity*	< 2000us/cm
Hardness**	< 450ppm as CaCO ₃
Pressure	0.05~0.5MPa(7-72psi)
Temperature	5~40 C
Purification Water(Class III)	
Ionic Rejection	> 95%
Bacteria Rejection	> 99%
Conductivity	1~20us/cm(RO-2 5us/cm)
Productivity Rate	15L/h,30L/h
High Quality Purification Water(Class II)	
Resistivity At 25 C	≥10MΩ.cm
TOC	≤30ppb
Dissolved Organic	< 0.1ppm
Particulate(≥0.02um)	< 1pc/ml
Bacteria	< 1cfu/ml
Flow Rate	1.5~2.0L/min
Electrical Requirements	
Electrical Voltage	110V/220V±10%
Electrical Frequency	50Hz/60Hz
Packing Information	
Net Weight	
Main units	25kg
Water tank (30L/60L)	7kg
External Dimensions(W×D×H)	
Main units	315×525×570mm
Water tank (30L/60L)	380×380×595mm
Shipping weight	
Main units	37kg
Water tank (30L/60L)	13kg
Shipping Dimensions(W×D×H)	
Main units	525×610×770mm
Water tank (30L/60L)	520×440×615mm



#Let'sgivemore ❤️

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



All rights reserved © KALSTEIN France S. A. S.,
 2 Rue Jean Lantier • 75001 Paris •
 +33 1 78 95 87 89 / +33 6 80 76 07 10 •
<https://kalstein.eu>
 KALSTEIN FRANCE, S. A. S



KALSTEIN® Water Systems

YR Smart Water System

YR60 / YR60-1



YR Water Purification system can produce CAP/CLSI Type I reagent water for clinical analyzer. It enables direct connection and operation online. Independent manual control water outlet can be used for additional applications.

Features:

1. Maximum Compability

YR Water purification systems can be applied to prepare pure water solution for a series of biochemical analyzers, including TOSHIBA, OLYMPUS, HITACHI, ROCHE, MINDRAY and so on. Furthermore, our technical and application specialists are always available to answer any questions, as well as providing friendly, expert advices on choosing the most suitable water purification systems.

2. High volume solution

Optional tank with 25L purification resin can meet heavier water usage, devreasing change frequency of consumables.

3. Special emphasis on bacteria containment

On the basis of YR, the model YR60 and YR60-1 further upgrades the system. It possesses a re-circulation function to always ensure a desirable pure water quality. UV, micro-filtration technologies and easy sanitization ensures optimal bacteria purity of less than 1 CFU/ml.

4. Bypass function to save your worry

An emergency bypass prevents downtime by providing an uninterrupted supply of pure water to the analyzer at all time. We understand that downtime can not be allowed in the clinical laboratory.



Model	YR60	YR60-1
Particles	$(\leq 0.22\mu\text{m}): \leq 1/\text{ml}$	
Output (Pure Water)	15L/ hr output (pure water)	30L/ hr output (pure water)
TOC	$\leq 30\text{ppb}$	
Bacteria Rejection Rate	$>99\%$	
Packing information (main unit) / mm	525×610×770 mm (main unit) 520×440×615 mm (water tank)	
Weight	37 KG (main unit) 13 KG (water tank)	



#Let'sgivemore

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



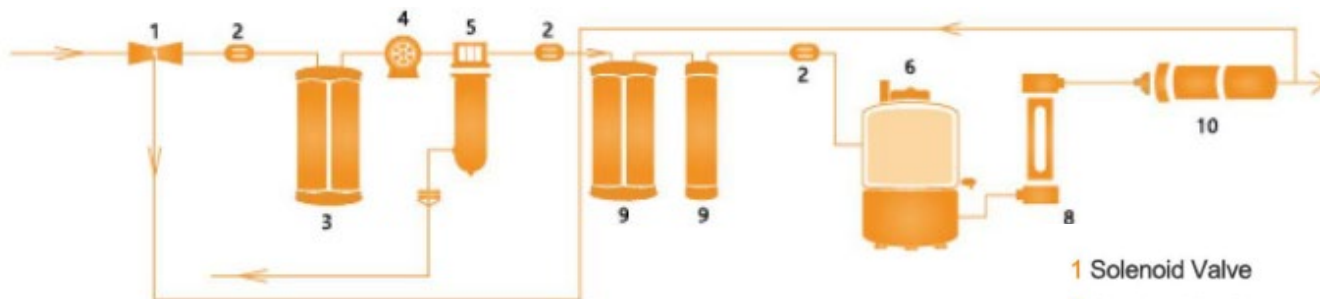
All rights reserved © KALSTEIN France S. A. S.,
2 Rue Jean Lantier • 75001 Paris •
+33 1 78 95 87 89 / +33 6 80 76 07 10 •
<https://kalstein.eu>
KALSTEIN FRANCE, S. A. S



KALSTEIN® Water Systems

YR Smart Water System

YR60 / YR60-1



- 1 Solenoid Valve
- 2 Conductivity Sensor
- 3 Pre-treatment Module
- 4 Boost Pump
- 5 RO Module
- 6 Water Tank
- 7 Ball Valve
- 8 Single Wave UV Cartridge
- 9 Purification Module
- 10 Micro-Filtration Cartridge
- 11 EDI Module
- 12 13L purification resin tank

Model	YR60 / YR60-1
Productivity Rate	15L/h,30L/h
Feed Water Requirement	
Source	Tap water
Conductivity*	<2000us/cm
Hardness**	<450ppm as CaCO3
Pressure	0.1~0.5MPa
Temperature	5~40℃
High Quality Purification Water(Class II)	
Resistivity At 25℃	≥10MΩ cm
TOC	<30ppb
Dissolved Organic	<0.1ppm
Particulate(≥0.02um)	<1pc/ml
Bacteria	<1cfu/ml
Flow Rate	1.0~1.5L/min
Electrical Requirements	
Electrical Voltage	110V/220V±10%
Electrical Frequency	50Hz/60Hz
Packing Information	
Net Weight	
Main units	25kg
Water tank	5kg
External Dimensions(W×D×H)	
Main units	315×525×570mm
Water tank	380×380×595mm
Shipping weight	
Main units	37kg
Water tank	13kg
Shipping Dimensions(W×D×H)	
Main units	525×610×770mm
Water tank	520×440×615mm

* If feed water quality is poor(Conductivity >1000us/cm), 3 class strengthened pretreatment module and RO-2 type is highly recommended

** When hardness of feed water is high(>450ppm as CaCO3), 0.5T water softener tank is recommended



#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.



All rights reserved © KALSTEIN France S. A. S.,
 2 Rue Jean Lantier • 75001 Paris •
 +33 1 78 95 87 89 / +33 6 80 76 07 10 •
<https://kalstein.eu>
 KALSTEIN FRANCE, S. A. S





A different accompaniment, at your service

WITH THE ACQUISITION OF A KALSTEIN EQUIPMENT

YOU MAKE A CONTRIBUTION TO:

#LETSGIVEMORE



Fundación Jacinto Convit

<https://www.jacintoconvit.org/>



<https://onetreepanted.org>



Humatem

Solidarité et coopération biomédicale

<https://www.humatem.org/>



MANIAPURE FOUNDATION USA

<https://www.maniapurefoundation.org/>

Thank you!

Articles Kalstein
(Social Networks and Official Websites)



Kalstein Blog
Not just be informed, be fully informed
The 3 articles of the week!
Read more on Kalstein's social medias or official websites
<https://kalstein.eu/articles>



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

<https://kalstein.eu/>
<https://www.kalstein.fr/>



1
Read this ARTICLE NOW
How does the climate affect your microscope?
microscope is an instrument that allows observing and measuring objects that are too small to be seen with the naked eye. This is achieved through a complex system of lenses and mirrors, which form
Kalstein Blog
Article of the week:
How does the climate affect your microscope?
Read more on Kalstein's social medias or official websites
<https://kalstein.eu/articles>



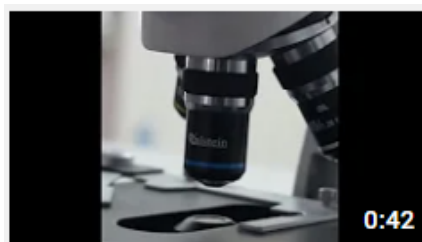
2
Read this ARTICLE NOW
What is the importance of the laboratory refrigerator?
refrigerator is a device that is one of the most common pieces of equipment used in laboratories. It is a controlled environment (refrigerated space), various fluids and substances
Kalstein Blog
Article of the week:
What is the importance of the laboratory refrigerator?
Read more on Kalstein's social medias or official websites
<https://kalstein.eu/articles>

Kalstein Training Videos
(Youtube Channel and Official Websites)



Kalstein France - Jacinto Convit Foundation / Alliances

23 views • 3 years ago



Kalstein's Microscopes

445 views • 1 week ago

