



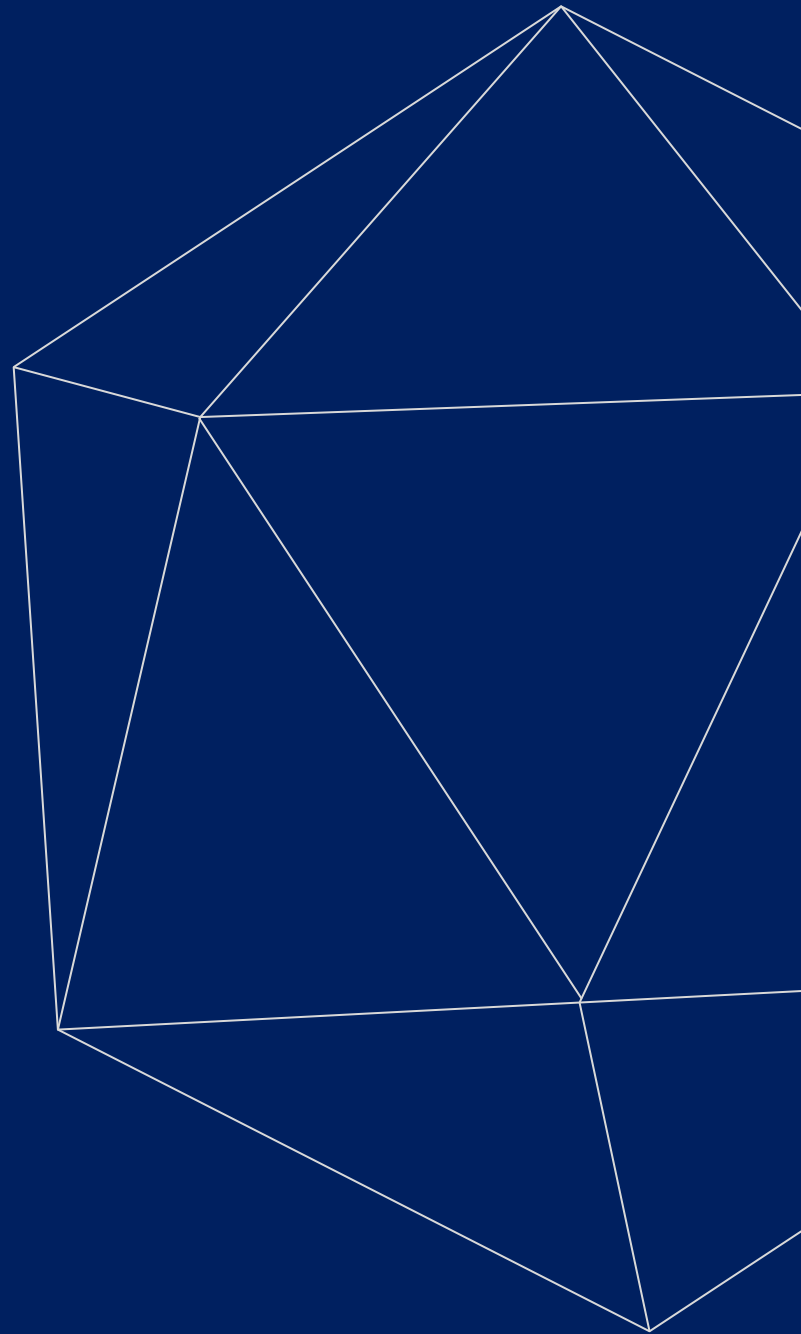
# MEDICAL LINES

## INFUSION PUMPS



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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 ♥

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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.



## Infusion Pump

### Model YR05164

#### Technical Specifications

Pump Type:	Drip type infusion pump
Pumping Way:	Peristaltic fingers
Adjustable Drop Rate Range:	1~400 drops/min (step: 1 drop/min)
Adjustable Volume Rate Range: Flow	1~1200 ml/h (when 1 99.9 ml/h, step: 0.1 ml/h; greater than 99.9 ml/h, step: 1 ml/h) Within 3% (using the IV set appointed by the manufacturer or calibrated high quality IV set)
Precision:	Mechanical precision: within 2%.
Purge Rate:	800 ml/h $\pm$ 1 ml/h (1 300 ml/h);
KVO Rate:	3 ml/h (greater than 300 ml/h);
Infusion Volume Range:	1 ml 9999.9 ml (step: 0.1 ml)
Maximum Accumulated Volume: Time Range:	9999.9 ml (step: 0.1 ml) 1 min ~9999 min (step: 1 min)
Occlusion Alarm Threshold:	High: 800 mmHg $\pm$ 20 mmHg (106.7kPa $\pm$ 2.67kPa) Medium: 500 mmHg $\pm$ 100 mmHg (66.7kPa $\pm$ 13.3kPa) Low: 300 mmHg $\pm$ 100 mmHg (40.7kPa $\pm$ 13.3kPa)
Alarm:	Infusion Complete, Empty, Faulty Signal, Misoperation, Occlusion, Door Open, Air Bubble, Low Battery, Setting Error, AC power off, Idle.
Air Bubble Detector:	Method: ultrasonic wave, sensitivity: 25 L $\geq$ $\mu$
Fuse:	F1A1/250V ( F indicate fast, L indicate low breaking capacity ), 2 pcs (installed inside pump).
Power Supply:	AC 85 ~265V, 50/60Hz;
Internal Battery:	11.1V rechargeable li-ion battery. Capacity: 2000mAh the pump can work more than 4 hours at the flow rate of 25 ml/h after charging for 8 hours (Medium rate specified by GB 9706.27-2005).
Power:	$\leq$ 40VA
Size:	188 mm(L) $\times$ 198 mm(W) $\times$ 228 mm(H)
Weight:	2.2KG
Environment Requirements:	<b>Temp</b> Ambient Temperature: -30 $\sim$ +65 $^{\circ}$ C Relative Humidity: 20% $\sim$ 95% (non-condensing) Atmosphere Pressure: 70kPa $\sim$ 106kPa <b>Hum</b> Ambient Temperature: -30 $\sim$ +65 $^{\circ}$ C Relative Humidity: 20% $\sim$ 95% Atmosphere Pressure: 70kPa $\sim$ 106kPa <b>Pres</b> Ambient Temperature: +5 $\sim$ +40 $^{\circ}$ C Relative Humidity: 20% $\sim$ 90% Atmosphere Pressure: 86kPa $\sim$ 106kPa



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## Infusion Pump Model YR05164

Calibration function, disposable IV set of any brand is suitable for this pump. Three working modes: Rate/Volume/Time mode.

Alarm: Infusion Complete, Empty, Faulty Signal, Misoperation, Occlusion, Door Open, Air Bubble, Low Battery, Setting Error, AC power off, Idle.

Purge: KVO function

Infusion monitoring system (Optional), the status of each pump is displayed in real time at the central station through wireless transmission.



Heating function (Optional), suitable for infusing in winter or there is requirement for the fluid medication temperature.



Remote Controller (Optional) makes operating more convenient.



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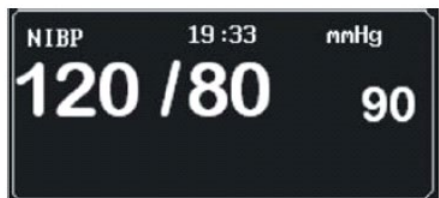
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## Infusion Pump Model YR05164



NIBP function (Optional)



SpO2 function (Optional)



Drip Detector



Infusion Stand (Optional)

Infusion monitoring system (Optional), the status of each pump is displayed in real time at the central station through wireless transmission.



4.3 inch color LCD display, with backlight, suitable for working in various ambient light conditions.

Display time, battery, infusing status, mode, rate, target volume, accumulated volume, target volume, sound volume, pressure, department, bed No., I/V set, temperature of medication.



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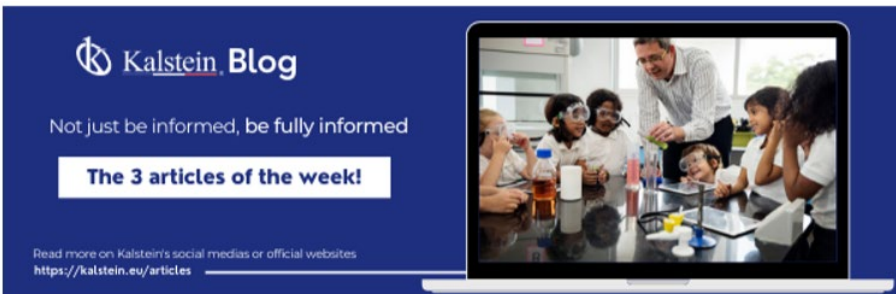
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