



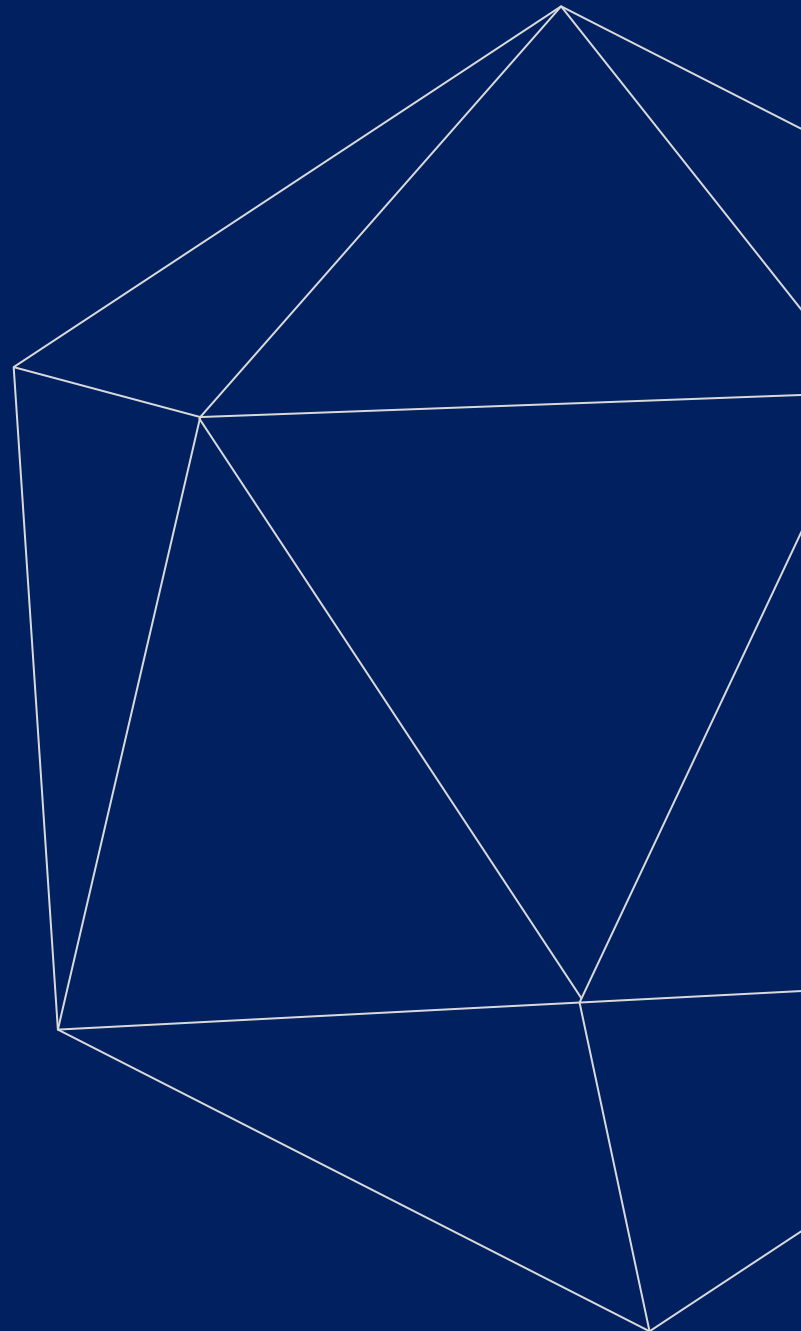
# MEDICAL LINES

## ANESTHESIA MACHINES



# Kalstein®

A different accompaniment, at your service





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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.





## *Cost-effective way to tailor anesthesia*

For over 20 years, Kalstein has been working closely with doctors and our industrial partners to develop advanced but affordable hardware and software, for optimizing perioperative anesthetic care and ancillary workflow.

To further enhance effectiveness of anesthesia and reduce surgical cost, Kalstein launches the updated YR anesthesia delivery system, which features advanced ventilation methods, comprehensive monitoring function and flexible expansion as needed, with which customers can start routine application with low capital investment and upgrade to workstation as tailored anesthesia requirements increase.

Please visit [www.kalstein.fr](http://www.kalstein.fr) or contact our international distributors for more information about

- Advanced but affordable anesthesia machine
- Advanced anesthetic agent monitor
- Sedation monitor for drug usage and ventilation guide
- Computer-assisted clinical decision making program
- High quality anesthetic consumables
- IT solution to help optimize anesthesia and ancillary workflow



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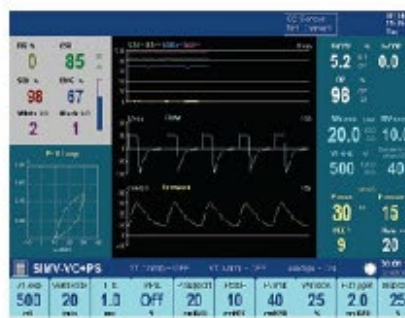
## Series YR02064 Anesthesia workstation

### Feature

- High-precision fresh gas output down to 20ml
- Automatic volume and compliance compensation
- All major ventilation modes integrated (like VCV,PCV,PSV,SIMV+PS)
- EEG-based assessment of anesthetic sedation
- Spontaneous and manual respiratory MV monitoring
- Audible and visual alarm with risk-priority indication and troubleshooting guide
- Autoclavable and latex-free components
- 12.1" external color TFT monitor
- CE marked



Cerebral State Monitor



SIMV-VC+Pressure Support, CSM & EtCO<sub>2</sub> Monitoring

### Specification

<b>Dimension</b>	810x860x1360 mm (WxDxH)
<b>Weight</b>	110 kg
<b>Driven mode</b>	Pneumatically driven, electronically controlled
<b>Gas supply</b>	O <sub>2</sub> , N <sub>2</sub> O, Air
<b>Input pressure</b>	280-650 kpa
<b>O<sub>2</sub> flush</b>	35-75 L/min
<b>Power supply</b>	110/230VAC, 60/50HZ
<b>Batter backup</b>	60 minutes
<b>Vaporizer Mount</b>	2, Selectatec™ (Datex-Ohmeda' s trademark)
<b>Agent type</b>	Halothane, Enflurane, Isoflurane, Sevoflurane, Desflurane
<b>Patient type</b>	Adult and pediatric
<b>Tidal volume</b>	20-1500ml
<b>Ventilation mode</b>	Manual, VCV, PCV, PLV, PSV, SIMV+VCV/PCV+PS
	Tidal volume, Minute Volume, Respiratory rate, I:E ratio
<b>Value Monitoring</b>	P <sub>max</sub> , P <sub>mean</sub> , P <sub>plat</sub>
	FiO <sub>2</sub> %, EtCO <sub>2</sub> % (optional)
	CSI, SQI%, EMG% and BS%
<b>Graphic Monitoring</b>	V-T, P-T, F-T curves. P-V, P-F, V-F loops
	Anesthetic depth and trend (including CSI, SQI%, EMG% and BS%)

### Alarm

<i>(Audible and visual alarm indication with diagnostic messages for trouble-shooting)</i>	
<b>Alarm silence</b>	120 seconds
	High/low Vt, High/low MV, High/low Paw, High/low FiO <sub>2</sub> , High/low flow
<b>Alarm content</b>	High/low cerebral state index (for anesthetic depth)
	High/low EtCO <sub>2</sub> %, InCO <sub>2</sub> % and temperature (optional)
	Apnea alarm, Airway Malfunction, Power failure, Low battery and so on



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## Series YR02062 Anesthesia machine

### Feature

- High-precision fresh gas output down to 20ml
- Automatic volume and compliance compensation
- Manual, VCV,PCV,PLV,SIMV,PSV-pro ventilation
- EEG-based assessment of anesthetic sedation
- Spontaneous and manual respiratory MV monitoring
- Autoclavable and latex-free components
- Tool-free maintenance and cleaning
- Built-in 8.4" color TFT monitor
- ETCO<sub>2</sub> analysis
- CE marked



Res. & Ins flow monitoring



Medical CO<sub>2</sub> absorbent, 980g / pack



### Specification

<b>Dimension</b>	810x810x1360 mm (WxDxH)
<b>Weight</b>	96 kg
<b>Driven mode</b>	Pneumatically driven, electronically controlled
<b>Gas supply</b>	O <sub>2</sub> , N <sub>2</sub> O, Air
<b>Input pressure</b>	280-650 kpa
<b>O<sub>2</sub> flush</b>	35-75 L/min
<b>Power supply</b>	110/230VAC, 60/50HZ
<b>Batter backup</b>	60 minutes
<b>Vaporizer Mount</b>	1, Selectatec™ (Datex-Ohmeda's trademark)
<b>Agent type</b>	Halothane, Enflurane, Isoflurane, Sevoflurane, Desflurane
<b>Patient type</b>	Adult and pediatric
<b>Tidal volume</b>	20-1500 ml
<b>Ventilation mode</b>	Manual, VCV, PCV, PLV, SIMV, PSV-pro Tidal volume, Minute Volume, Respiratory rate, I:E ratio
<b>Value Monitoring</b>	Pmax, Pmean, Pplat FI <sub>O</sub> %, EtCO <sub>2</sub> % (optional) CSI, SQI%, EMG% and BS% (optional)
<b>Graphic Monitoring</b>	V-T, P-T, F-T curves. P-V, P-F, V-F loops Anesthetic depth and trend (including CSI, SQI%, EMG% and BS%) (optional)

### Alarm

<i>(Audible and visual alarm indication with diagnostic messages for trouble-shooting)</i>	
<b>Alarm silence</b>	120 seconds High/low Vt, High/low MV, High/low Paw, High/low FI <sub>O</sub> %, High/low flow
<b>Alarm content</b>	High/low cerebral state index (for anesthetic depth) High/low EtCO <sub>2</sub> %, InCO <sub>2</sub> % and temperature (optional) Apnea alarm, Airway Malfunction, Power failure, Low battery and so on



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## Series YR02196 Anesthesia machine

### Feature

- Dual flow tube with precise output down to 20ml
- Tidal volume compensation for low and minimal flow
- Manual, VCV, PCV, PLV, SIMV ventilation available
- Autoclavable and latex-free components
- Tool-free maintenance and cleaning
- Built-in 5.7" monochrome TFT monitor
- Reusable CO<sub>2</sub> canister easy to refill and clean
- CE marked



Compact ventilator



Medical CO<sub>2</sub> absorbent, 4.5kg / pack

### Specification

<b>Dimension</b>	810x810x1360 mm (WxDxH)
<b>Weight</b>	96 kg
<b>Driven mode</b>	Pneumatically driven, electronically controlled
<b>Gas supply</b>	O <sub>2</sub> , N <sub>2</sub> O
<b>Input pressure</b>	280~650 kpa
<b>O<sub>2</sub> flush</b>	35~75 L/min
<b>Power supply</b>	110/230VAC, 60/50HZ
<b>Batter backup</b>	60 minutes
<b>Vaporizer Mount</b>	1, Selectatec™ (Datex-Ohmeda' s trademark)
<b>Agent type</b>	Halothane, Enflurane, Isoflurane, Sevoflurane, Desflurane
<b>Patient type</b>	Adult and pediatric
<b>Tidal volume</b>	20~1500 ml
<b>Ventilation mode</b>	Manual, VCV, PCV, PLV, SIMV
<b>Value Monitoring</b>	Tidal volume, Minute Volume, Respiratory rate, I:E ratio Pmax, Pmean, Pplat FIO <sub>2</sub> %
<b>Graphic Monitoring</b>	P-T curve

### Alarm

*(Audible and visual alarm indication with diagnostic messages for trouble-shooting)*

<b>Alarm silence</b>	120 seconds
<b>Alarm content</b>	High/low Vt, High/low MV, High/low Paw, High/low FIO <sub>2</sub> , High/low flow Airway Malfunction, Power failure, Low battery and so on



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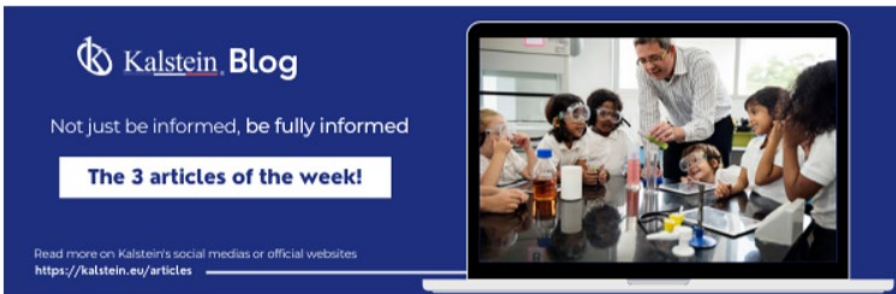
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Not just be informed, be fully informed  
**The 3 articles of the week!**  
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**1**  
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**How does the climate affect your microscope?**  
A microscope 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

**Article of the week:**  
How does the climate affect your microscope?

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**2**  
Read this ARTICLE NOW



**What is the importance of the laboratory refrigerator?**  
A refrigerator in a laboratory is one of the most important equipment. It is used to maintain, in a controlled environment (refrigerated space), various fluids and substances.

**Article of the week:**  
What is the importance of the laboratory refrigerator?

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