



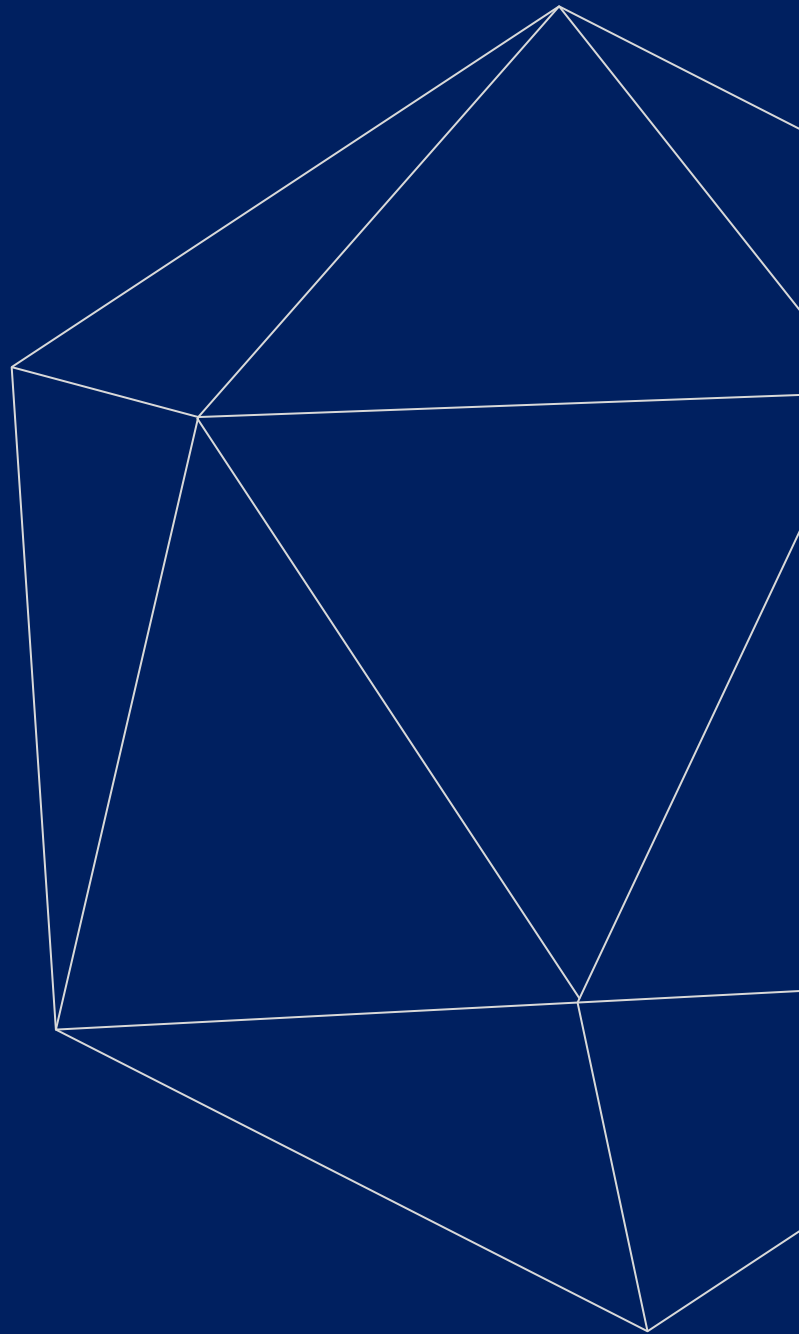
# MEDICAL LINES

## PATIENT MONITOR



**Kalstein**®

A different accompaniment, at your service





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# PATIENT MONITOR



**Kalstein**<sup>®</sup>

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## Patient Monitor

Model YR02173



### #Letsgivingore

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Optimum Business Center 450 Rue Baden Powell,  
• 34000 Montpellier, France.  
Tél: +33 467158849 / +33 680760710 / +33 663810023  
<https://kalstein.eu>  
**KALSTEIN FRANCE, S.A. S**



## Feature

- 12.1 inch high resolution LCD display
- 35 million clicking times long life touch screen with Accutouch technology
- Maximum 168 hours graphic and tabular trends of all parameters
- Adjustable respiration lead helps to get accurate RESP reading for different patients
- 120mm slim design which is modern and saving space
- 112mm removable wide range printer can output 7 waveforms simultaneously



## Technical Specifications

Standard Configuration: ECG, SpO<sub>2</sub>, NIBP, TEMP, PRM, RESP  
Option Functions: EtCO<sub>2</sub>, ZIBP, Recorder

<b>ECG</b>		<b>Pulse rate</b>	
Lead type	3-Lead or 5-Lead selectable	Range	20bpm ~ 254bpm
Input	3 leadwire cable: RA; LA; LL or R; L; F 5 leadwire cable: RA; LA; RL; LL; V or R; L; N; F; C	Resolution	1bpm
Lead selection	3-lead: I, II, III 5 lead: I, II, III, V, AVR, AVL, AVF	Accuracy	±3bpm
ECG Waveform	2 channel	<b>TEMP</b>	
Gain	×0.25, ×0.5, ×1, ×2, ×4, Auto	Measurement range	0-50°C
Sweep speed	12.5mm/s, 25mm/s, 50mm/s	Resolution	0.1°C
Bandwidth	Diagnostic mode: 0.05-100Hz Monitor mode: 0.5-40Hz Surgical mode: 1.0-25Hz	Accuracy	±0.1°C
Defib. Protection	Withstand 5000VAC/50Hz Voltage in isolation Against electrosurgical interference and defibrillation	Channel	T1, T2, TD
ST segment detection	Measurement range: -2.0mv to 2.0mv Alarm range: -2.0mv to 2.0mv	<b>IBP</b>	
Arrhythmia analysis	Yes	Channels	1 or 2 selectable
Pace detection	Yes	Measurement range	-50~400mmHg
Drug dose calculation	Yes	Resolution	1mmHg
Standby mode	Yes	Accuracy	1mmHg or 2%, whichever is greater
<b>Heart Rate</b>		Pressure names	ART, PA, CVP, RAP, LAP, ICP
Range	Neonate: 15~350rpm Adult/Pediatric: 15-300rpm	Alarm range	-50~400mmHg
Accuracy	1bpm or 1%, whichever is greater	Pressure transducer Sensitivity	5µV/mmHg
Resolution	1bpm	Impedance range	300-3000Ω
Alarm range	Neonate: 15~350rpm Adult/Pediatric: 15~300rpm	<b>ETCO<sub>2</sub></b>	
<b>Respiration</b>		Measurement range	0-99mmHg
Method	Thoracic impedance	Accuracy	0 to 40mmHg ±2mmHg 41 to 76mmHg ±5mmHg 77 to 99mmHg ±10mmHg
Measurement range	Neonate/Pediatric: 0-150rpm Adult: 0-150rpm	Sample flow rate	Minimum: 50ml/m-7.5ml/m Maximum: 50ml/m+15ml/m
Apnea alarm	Yes, no alarm, 10s, 15s, 20s, 25s, 30s, 35s, 40s selectable	Start-up time	<1min, once the module starts up, it reaches ISO
Resolution	1rpm	Respiration rate	0 to 120rpm
Sweep speed	6.25mm/s, 12.5mm/s, 25mm/s	Respiration rate accuracy	±2 rpm
<b>NIBP</b>		Response time	<240msec (10% to 90%)
Method	Oscillometric	<b>Classification</b>	
Operation modes	Manual, Auto, STAT	Safety Standard	IEC60601-approved, CE marking to MDD93/42/EEC
Parameters	Systolic, Diastolic, Mean	<b>General Specifications</b>	
Range of Systolic pressure	Adult: 40-270mmHg Pediatric: 40-200mmHg Neonate: 40-135mmHg	Dimension	304(W)×279(H)×137(D)mm
Range of Diastolic pressure	Adult: 10-210mmHg Pediatric: 10-150mmHg Neonate: 10-100mmHg	Gross Weight	4.3Kg
Range of Mean pressure	Adult: 20-230mmHg Pediatric: 20-165mmHg Neonate: 20-110mmHg	Power Requirement	Input AC 100-240V 50/60Hz 1.4A-0.59A
Accuracy	±8mmHg (±0.80kpa)	Temperature	0°C ~ 40°C
Resolution	1mmHg	Humidity	15% ~ 80% (non-condensing)
Over-pressure protection	Double safety protection	Patient range	Neonate, pediatric and adult patient
<b>SpO<sub>2</sub></b>		Display	12.1" Color TFT LCD Rolling and refreshing waveform display Resolution: 800*600 Multi displays selectable, including: Standard display, OxyCRG display, Large-font display, Dynamic Trend display, Other Bed View display (optional)
Measurement range	0%~100%	External display	1 display through VGA
Resolution	1%	Trace	7 traces
Accuracy	±2% (70%-100%); unspecified (0-69%)	Indicator	Sweep speed: 12.5mm/s, 25mm/s, 50mm/s Alarm indicator light, Power indicator light, Battery indicator light
Alarm range	0%~100%	Interface	Parameter cable interface, AC Power input socket, Network interface, External VGA interface, USB interface
		Li-ion Battery	Rechargeable (For 1 piece), At least 4 hours for continuous working



### #Let's give more

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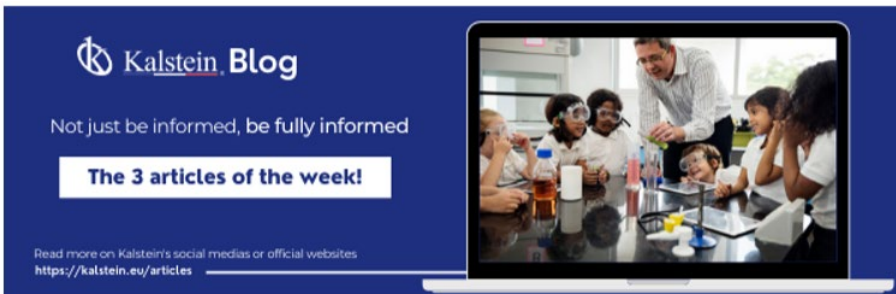


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Tél: +33 467158849 / +33 680760710 / +33 663810023  
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MONTPELLIER - FRANCE  
**HEADQUARTER**  
Optimum Business Center,  
450 Rue Baden Powell,  
34000 Montpellier - France.

**Fax:** +33 (0) 4 67 15 88 49  
**Tif:** +33 (0) 6 80 76 07 10  
[sales@kalstein.eu](mailto:sales@kalstein.eu)

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