



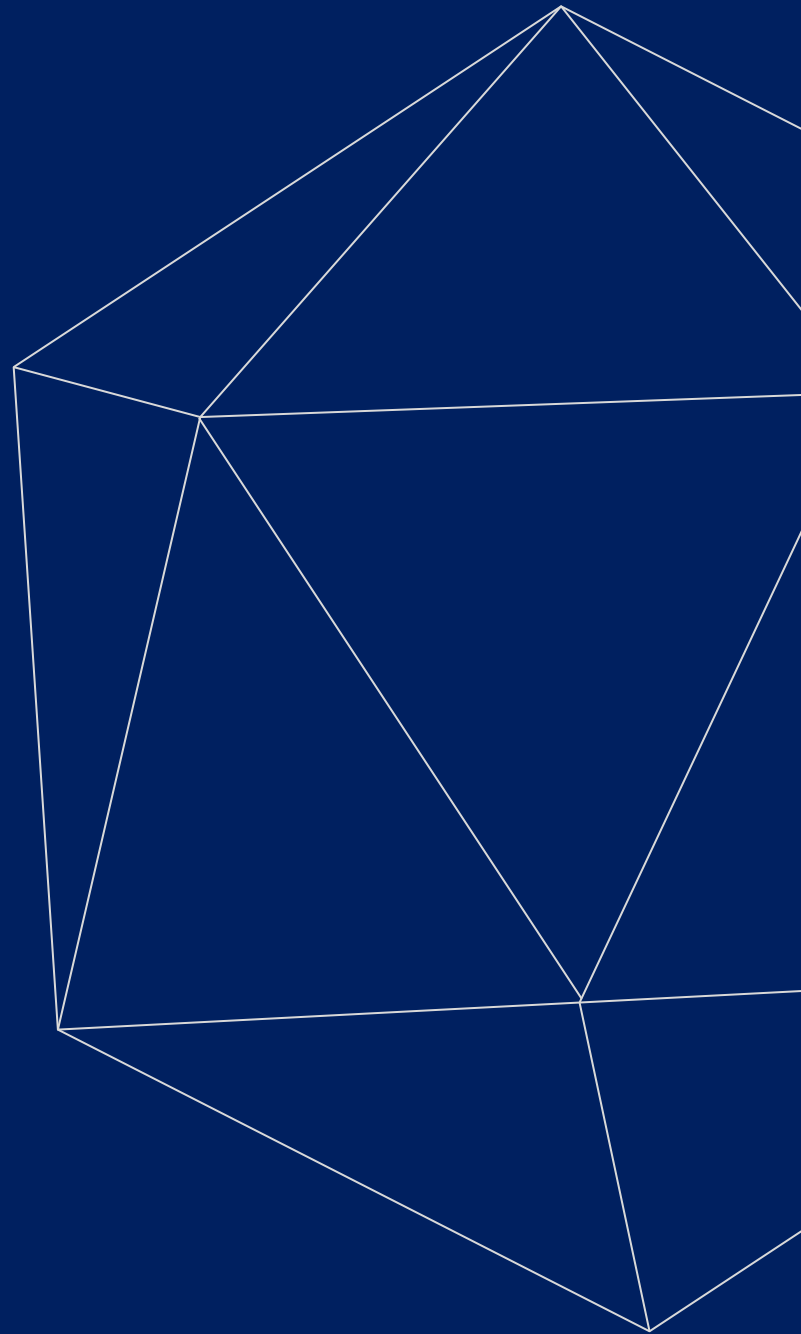
# MEDICAL LINES

## PATIENT MONITOR



**Kalstein**®

A different accompaniment, at your service





# Kalstein®

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## Patient Monitor Model YR02174-1 OR Monitor



### Feature

- 15 inch high-resolution LED backlight LCD with touchscreen;
- Modular design for convenient and efficient functions extension;
- High anti-interference ability with 8000V ECG isolation voltage to resist defibrillator shocking;
- Double isolation technique ensures IBP reading without interference when using electrosurgical;
- EtCO<sub>2</sub> sample flow rate low to 50ml/min;
- Friendly interface ensures efficient operations during the surgery;
- Optional VGA output for slave display in OR.



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## Technical Specifications

<b>ECG</b>	
Input:	3-Lead or 5-Lead selectable 3 leadwire cable:RA;LA;LL or R;L;F 5 leadwire cable:RA;LA;RL;LL;V or R;L;N;F;C
Lead selection:	3-lead: I,II,III 5 lead:I, II, III, AVR, AVL, AVF, V
ECG Waveform	2 channel
Gain selection	×0.25,×0.5,×1,×2,×4,Auto
Sweep speed	12.5mm/s, 25mm/s, 50mm/s
Heart Rate	for Neonate15-350BPM
Heart Rate	for Adult/Pediatric15-300BPM
Accuracy	1bpm or 1%, whichever is greater
Resolution	1bpm
Filter	Diagnostic mode:0.05-100Hz
	Monitor mode:0.5-40Hz
	Surgical mode:1.0-25Hz
Protection	Withstand 5000VAC/50Hz Voltage in isolation
	Against electrosurgical interference and defibrillation
Alarm range:	Neonate:15-350bpm
	Adult/Pediatric:15-300BPM
ST segment detection:	Measurement range: -2.0mv to 2.0mv
Alarm range:	-2.0mv to 2.0mv
Arrhythmia analysis:	Yes
Alarm	audible and visual alarm, alarm event recallable
Pace detection	Yes
Drug dose calculation	Yes
Standby mode	Yes
<b>Respiration</b>	
Method	Thoracic impedance
Measurement range	Neonate/Pediatric: 0~150rpm
	Adult: 0-120rpm
Apnea alarm	No alarm,10s,15s,20s, 25s,30s,35s, 40s selectable
Alarm	Yes, audible and visual alarm, alarm events recallable
<b>NIBP</b>	
Method:	Oscillometric
Measurement modes:	Manual/Automatic/Continuous
Displayed parameters	Systolic, diastolic and MAP(mean arterial pressure)
Auto measure time:	Adjustable
Measurement unit	mmHg/kPa selectable
Measurement type:	Systolic, Diastolic, Mean
Range of Systolic pressure	Adult: 40-270mmHg
	Pediatric: 40-200mmHg
	Neonate: 40-135mmHg
Range of Diastolic pressure	Adult: 10-210mmHg
	Pediatric: 10-150mmHg
	Neonate: 10-100mmHg
Range of Mean pressure	Adult: 20-230mmHg
	Pediatric: 20-165mmH
	Neonate: 20-110mmHg
Accuracy	±6mmHg
Resolution:	1mmHg
Alarm:	Systolic, Diastolic ,Mean
Over-pressure protection:	Double safety protection

<b>Masimo SpO2</b>	
Measurement range:	0%~100%
Resolution:	1%
Accuracy:	±2%(70%-100%); unspecified(0-69%)
Alarm range:	0~100%
Pulse Rate Range:	20~254bpm
Resolution:	1bpm
Accuracy:	±3bpm
Alarm range:	0~254bpm
<b>Temperature</b>	
Measurement range:	0~50°C
Resolution:	0.1°C
Accuracy:	±0.1°C
Channel:	T1, T2, TD
<b>IBP(Optional)</b>	
Channels	1 or 2 selectable
Measurement range	-50~400mmHg
Resolution	1mmHg
Alarm:	Systolic, Diastolic ,Mean
Over-pressure protection:	Double safety protection
<b>ETCO2(Optional)</b>	
Measurement range	0-99mmHg
Accuracy	0 to 40mmHg±2mmHg
	1 to 76mmHg± 5mmHg
	77 to 99mmHg±10mmHg
Sample flow rate	Minimum: 50ml/m-7.5ml/m Maximum: 50ml/m+15ml/m
Start-up time	<1min,once the module starts up, it reaches ISO After 1 min,enter the full accuracy mode
Respiration rate	0 to 120rpm
Respiration rate accuracy	±2 rpm
Response time	<240msec (10% to 90%)
<b>Multi-gas/O2(Optional)</b>	
Method:	Infrared Absorption
Gas accuracy:	CO2:0 to 15vol%, ±(0.2vol%+2% of reading)
	15 to 25vol%, Unspecified
	N2O:0~100vol%,±(2vol%+2% of reading)
	O2:0~100vol%,±(1vol%+2% of reading)
	Enf,Iso,Hal:0~8vol%,±(0.15vol%+5% of reading)
	8 to 25vol%, Unspecified
	Sev:0~10vol%,±(0.15vol%+5% of reading)
	10 to 25vol%, Unspecified
	Des:0~22 vol%,±(0.15vol%+5% of reading)
	22 to 25vol%, Unspecified



#Let'sgive more 

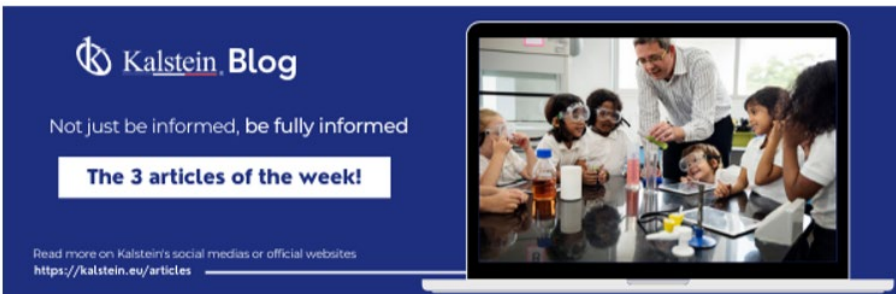
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