

MULTIPARAMETER PATIENT MONITOR

Aspire Series



ASPIRE 12



ASPIRE 15

Features

12.1" & 15" color TFT display options
 Resolution : 1024 x 768dpi,800x600dpi
 Standard parameters : ECG, RESP, NIBP, SPO2, 1-TEMP
 Multi-display: standard, large font, trend coexist, OxyCRG dynam
 Multi-lead ECG waveforms display in phase
 Large volumes of tabular and graphics trends information storage
 Capture dynamic waveforms
 Efficient resistance to interface of defibrillator and HF knife
 Networking capacity and TCP/IP networking platform
 Optional parameters:
 Nellcor/ Masimo SpO2, Suntech NIBP, 4-IBP,BIS
 Phaisen/ Respirationics Multi-gas, ICG/CO, 2-SpO2,CMS
 Touch screen, Recorder, FHR, FM, TOCO, 12-lead ECG,2-TEMP

ASPIRE 8



Technical Specifications

Patient range:	Neonate,pediatric,and adult patients	Over-pressure protection:	Double safety protection
ECG:		Resolution:	1 mmHg
Lead mode:	5 -lead(R,L,F,N,C)	Alarm:	Systolic, Diastolic,Mean
Lead selection:	I,II,III,avR,avL,avF,V	TEMP:	
Waveform:	3 and 7 channel selectable	Compatible probe:	YSI or CYF
Gain selection:	0.5mm/mv,1mm/mv,2mm/mv	Measurement range:	5°50°C Resolution: 0.1°C
Sweep speed:	12.5mm/s,25mm/s,50mm/s	Accuracy:	+0.1°C
Heart rate range:	Adult : 15~300bpm; Neonate/pediatric:15~350bpm	Refreshing time:	about 1sec
Accuracy:	+1bpm or +1%,whichever greater	Average measuring time:	<10s
Resolution:	1bpm	IBP (Optional)	
Filter:	surgery mode:1~20Hz	Channel:	2 channels
monitor model:	0.5~40Hz	Range:	-50-300mmHg
Diagnostic mode:	0.05~130Hz	Resolution:	1mmHg
Scaling signal:	1mv,+3%	Accuracy:	±4mmHg(±4%)
Protection:	withstand 4000VAC/50 voltage against electrosurgical interference and defibrillation	Unit:	mmHg, Kpa
Alarm range:	15~350bpm	Converter Sensitivity:	5mV/V/mmHg
S-T segment detection:		Transducer sites:	ART/PA/CVP/LAP/RAP/ICP
Measurement range:	2.0mV~+2.0mV	EtCO2 (mainstream CO2, Optional)	
Alarm Range:	-2.0mV~+2.0mV	Method:	Infrared Spectrum
Accuracy:	-0.8mV~+0.8mV	Measurement range:	0~99mmHg
Error:	+0.02mV	Accuracy:	+2mmHg (0~40mmHg)
Arrhythmia analysis:	YES	Sampling Range:	100ml/min
SpO2:		Sampling rate accuracy:	15%
Measurement range:	0~100%	Respiration rate	0~120rpm
Resolution:	1%	Range:	0.0-10% (0.76%)
Accuracy:	+2%(70-100%);0-69% unspecified	Resolution:	1mmHg (0.1%)
Alarm range:	0~100%	Accuracy:	<5%(±4.0 mmHg) Or <10%(of Readings)
Pulse Rate:	range: 20~300bpm	Recorder (Optional):	
Resolution:	1bpm	Build-in, thermal array	
Error:	+1bpm or +2%,whichever is greater	Plethysmogram caveform:	2 channels
RESP		Record mode:	manual, on alarm, time-defined
Method:	Thoracic impedance	Recording width:	50mm
Measurement range:	Adult:7~120rpm ;	Printing speed:	50mm/s
Neonate/Pediatric:	7~150rpm	Recording type:	Frozen waveform record
Apnea alarm:	YES,10~4os	Display Size	
Resolution:	1rpm	aspire 8:	8.4" Color LCD Display
Accuracy:	+2rpm	aspire 12:	12.1" Color LCD Display
NIBP:		aspire 15:	15" Color LCD Display
Method:	Digital Automatic oscillometric	Trend:	Parameters graphic and tabular trends: 5s/piece, 8 hours, 1min/piece, 168 hours (24hourx7days), 5min/piece, 1000 hours,
Operation mode:	Manual/Automatic/continuous	Storage:	
Auto measurement time:	Adjustable(1~480min)	NIBP:	1000 groups
Measurement Unit:	mmHg/Kpa selectable	Alarm:	200 groups
Measurement types:	Systolic, Diastolic, Mean	Full disclosure waveforms:	1hour
Measurement range:		Power Supply	
Range of Systolic pressure:	Adult : 40~270mmHg Pediatric : 40~220mmHg Neonate : 40~135mmHg	External Power supply	100-240V AC, 50/60 HZ
Range of mean pressure:	Adult : 20~235mmHg Pediatric : 20~165mmHg Neonate : 20~110mmHg	Internal Battery	
Range of diastolic pressure:	Adult : 10~215mmHg Pediatric : 10~150mmHg Neonate : 10~100mmHg	Power Supply Type:	Rechargeable li-ion, 12v/4AH Max.24H charging,4H working
		Environment Requirement	
		Working:	0°~+40 °C
		Transportation & storage:	-20°~+60 °C
		Humidity:	15-95% non-condensing
		Safety:	Safety level : Class I, type CF