



Accuit Sign 12™



Features:

The **Accuit Sign 12™** is a 12" TFT color LCD Multi Parameter Patient Monitor which can monitor such parameters as ECG, RESP, SpO2, PR, NIBP and dual-channel TEMP in addition IBP & CO₂ ports are provided so that there respective accessories can be purchased at anytime without the need to purchase a new Monitor. It integrates parameter measurement module, display and recorder in one device to form a compact and portable equipment. At the same time, its built-in replaceable battery provides convenience for patient moving.

The **Accuit Sign 12™** uses a Philip type connector, and adopts Photoelectric Oxyhemoglobin Inspection SpO2 Technology that allows for minimal interference in readings.

The **Accuit Sign 12™** is Ideal and adaptable for all health care environments such as;

- Operating Room
- ICU/CCU
- Obstetrics & Gynecology
- Emergency Room



Clinically Proven Technology



CE 0123

Technical Specification:

Safety classification:

Type of protection against electroshock.....	Class I
Degree of protection against electroshock.....	type CF defibrillation-proof applied part
Degree of protection against ingress of water.....	IPX0

Environment requirement:

Temperature:	
Working.....	5~40(°C)
Transport and storage.....	-40~+55(°C)
Humidity:	
Working.....	30%~75%
Transport and storage.....	≤95%(no coagulation)

Power supply

Power supply.....	100~240V(AC), 50/60 Hz
Maximal input power.....	150VA

Display

Resolution.....	1024 × 768
Waveform.....	display 8-channel waveform in a screen
Color.....	waveform and parameter color can be set
Waveform and parameter selection.....	parameter and waveform need to be displayed can be selected, and waveform position also can be adjusted.
Alarm items.....	technical alarm, 71 physiological alarms and 60 arrhythmia alarms.
Prompt mode.....	visible, audible and character alarm(3 alarm levels)

Trend review

Time.....	trend review for 480-hour, review for 2400 groups of BP data
Review mode.....	trend graph and trend table
SD card review.....	trend review and review for 72-hour ECG waveform

Printer (optional)

Waveform.....	2-channel
Print width.....	48mm
Paper speed.....	25mm/s, 50mm/s
Battery.....	
Working time.....	90 minutes

Network

Network mode.....	wired, WIFI, 3G
Connection contents.....	connect to central monitor system by LAN or WAN; View bed

ECG

Lead mode.....	3-lead or 5-lead
Lead selection.....	I, II, III, aVR, aVF, aVL, V
Gain.....	× 0.25, × 0.5, × 1, × 2, AUTO
Scan speed.....	12.5mm/s, 25 mm/s, 50 mm/s
HR:	
Measurement and alarm range.....	
Adult.....	15~300bpm
Pediatric and neonatal.....	15~350bpm
Accuracy.....	± 1% or ± 1bpm, whichever is greater
ST segment monitoring:	
Measurement and alarm range.....	-2.0mV~+2.0mV
Accuracy.....	-0.8mv~+0.8mv ± 0.04mv or ± 10%, whichever is greater
Arrhythmia analysis.....	13-arrhythmia
Volume.....	0~7
Pacemaker.....	yes

RESPIRATION

Method.....	R-(FIRA-LL) Impedance
Measurement and alarm range for RESP rate.....	
Adult.....	0~120rpm
Pediatric and neonatal.....	0~150rpm
Accuracy.....	± 2 rpm
Apnea alarm.....	10~40s
Scan speed.....	6.25mm/s, 12.5mm/s, 25 mm/s

NIBP

Method.....	Oscillometry
Measurement and alarm range:	
Adult:	
Systolic.....	40~270mmHg
Diastolic.....	10~215 mmHg
Mean.....	20~235 mmHg
Pediatric:	
Systolic.....	40~200mmHg
Diastolic.....	10~150 mmHg
Mean.....	20~165 mmHg
Neonate:	
Systolic.....	40~135 mmHg
Diastolic.....	10~100 mmHg
Mean.....	20~110 mmHg
Measurement interval in AUTO mode.....	1/2/3/4/5/10/15/30/60/90/120/240/480/960minutes
Accuracy for BP measurement.....	± 5mmHg, maximal standard deviation: 8mmHg
Over-pressure Protection:	
Adult Mode.....	297 ± 3 mmHg
Pediatric Mode.....	240 ± 3 mmHg
Neonatal Mode.....	147 ± 3 mmHg



TEMP

Temperature curve.....	YSI-400
Channel.....	dual-channel
Measurement Range.....	0 ~ 50°C
Accuracy.....	± 0.1°C
Display resolution.....	0.1°C
SpO2:	
Measurement Range.....	0 ~ 100 %
Measurement accuracy.....	70%~100%: ± 2%;
Display resolution.....	1%
Upper and lower limit for alarm.....	0~100%
Measurement and alarm range for PR.....	30~250bpm
Measurement accuracy for PR.....	± 2bpm
Pulse modulation volume.....	yes

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