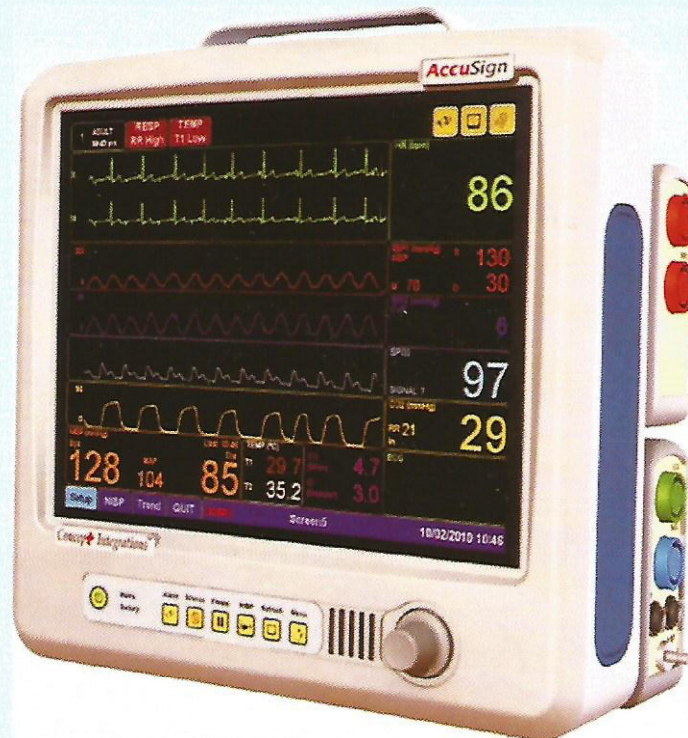


AccuSign

DIGITAL COMPACT MODULAR MONITOR



Features

- Monitor is a modular, stationary, multi-parameter monitor For Neonates to Adult, Monitoring and supervising of patient's vital signs at ICUs, OT pre- and post- operative, ICCU, NICU etc.
- 12.1" color TFT display with touch-screen
- ECG (limb and pre-cordial leads)
- Respiration
- NIBP (non-invasive method)
- Arterial, venous blood pressure and others IBPs (invasive method)
- Pulse Oximetry SpO₂ (motion artifacts and low perfusion tolerant)
- Carbon dioxide concentration ETCO₂ in patient's expired air

- Temperature (in two measuring points and their difference)
- ST analysis (slope and level)
- ECG arrhythmia analysis
- Arrhythmia analysis, S-T segment detection
- Maximum 72 hours graphical and tabular trends of all parameters
- Pacemaker detection
- Audio & Visual alarms
- Ethernet connectivity to CMS

Optional:

- Cardiac Output (Invasive Or non-Invasive)
- Anesthetic agent concentration: CO₂, N₂O, O₂, 5AA, AAID
- GPRS Connectivity for Telehealth Care
- 3 Channel Thermal Printer

Specifications

Technical Parameters

•GENERAL

Power supply 100 -250 VAC
Protection class I, CF
Safety requirements MDD: 93/42/EEC
EN 60601-1
In-Built Battery backup of 3 Hrs

•LCD DISPLAY

Color display TFT 12.1"
Number of channels 8
Sweep speed 3, 6, 12.5, 25 and 50 mm/s
Trends 24, 48, 72 & 96 Hours
Medical alerts for all parameters

•ECG MODULE

3/5/12 Lead ECG display
Leads I, II, III, aVR, aVL, aVF, Vn
CMRR > 100 dB
Sensitivity 2.5 -40 mm/mV
Heart rate range 15-350 bpm
QRS complex acoustic signaling
Input protected against defibrillator
and high frequency disturbance

•ST MODULE

ST level ± 1 mV
ST slope ± 15 mV/s
Results displayed as numerical values and trends

•RESPIRATION MODULE

Respiration rate 0-150 BrPM
Apnea recognition time 5-60 s
Respiration waveform displayed

•NIBP MODULE

Oscillometric Method for Adult Child and Neonate
Measuring range of transducer 10 300 mm Hg
Measuring mode manual, auto or continuous
Auto-mode repetition time 1 480 min
Cuff inflation automatic (air pump)
Over-pressure safety limits > 300 mm Hg adults
> 150 mm Hg neonates

SpO2 MODULE

Measuring range 0 -100%
Accuracy 70%-100% $\pm 2\%$
Pulse rate range 30 - 200 bpm
Acoustic signaling of saturation
SpO2 waveform displayed

IBP MODULE

Measuring range -30 to +320 mm Hg
Accuracy ± 1 mm Hg
Input sensitivity 5μ V/ V/mm Hg
Number of channels 2
Pressure waveform displayed
Number of channels 4 (optional)

TEMPERATURE MODULE

Measuring range 0- 50 °C
Resolution 0.1 °C
Number of channels 2
Unit (Degree C & Degree F) Selectable

CO2 MODULE

Method Side Stream/ Main Stream
Method Side Stream
Measuring range 0-100 mm Hg
Respiration rate 0-150 BrPM
Apnea recognition time 5- 60 s
CO2 waveform displayed
Accuracy ± 3 mm Hg

OPTIONAL:

Multi gas module
Cardiac Output module
BIS

ADDITIONAL OPTIONS:

Advanced arrhythmia analysis
Full disclosure archive in patient monitor
Alarms archive in patient monitor
Transfer of patient database to PC
Wall mount Fixture

* Meets the requirement of IEC 60601 series standards

CURA[®]

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Growth. Innovation. Reach

CURA HEALTHCARE PRIVATE LIMITED

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*Specifications subject to change without any prior notice.