

AV-Smart



- 8 inch color TFT (LED) Screen.
- Large font display.
- Unique slim design.
- Unique slim design, style with space-saving
- Parameters: ECG, SpO2, NIBP, HR, TEMP, RESP.
- 720 hours trend data analysis.
- Unbreakable and water proof
- Built-in rechargeable battery with 6 hours operating time.
- Networkable with Central Monitoring System.
- Optional: Touch screen, Central Monitoring (LAN/WLAN) Handle, Car Charger



AV-Smart

ECG

Lead mode: 5 Leads(RA, LA, LL, RL, V)
Connection method: I, II, III, AVR, AVL, AVF, V
Lead mode: 3 Leads(RA, LA, LL)
Connection method: I, II, III
Waveform: Ich
Gain: x250, x500, x1000, x2000
HR Range: Adult: 15 —300bpm
Neo/Ped: 15 —350 bpm
Accuracy: $\pm 1\%$ or ± 1 bpm, which great
Resolution: 1bpm
Sensitivity: $>200(\mu\text{Vp-p})$
Differential Input impedance: $>5\text{M}\Omega$
ST segment Monitoring Range:
Measure Range: $-2.0\text{mV} - +2.0\text{mV}$
Measure Accuracy: $-0.8\text{mV} - +0.8\text{mV}$

Heart Rate

Measuring range: 0~350bpm
Accuracy: ± 1 bpm
Resolution: 1bpm
Sensitivity: $>200\text{UVp-p}$

Respiration

Method: Impedance between R-F (RA-LL)
Differential Input Impedance: $>2.5\Omega$
MCI Measuring Impedance Range: 0.3-3.0 Ω
Base line Impedance Range: 200-4000 Ω
Bandwidth: 0.1-2.5Hz
Resp.Rate: Adult: 2 —120BrPM
Neo/Ped: 2.150 BrPM
Resolution: 1BrPM
Accuracy: ± 2 BrPM
Alarm: 10-40S

NIBP

Method: Oscillation
Mode: Manual/Auto/ STAT
Measuring Interval in Auto Mode: 1,2,3,4,5,10,15,30,60,90,
120,180,240,480(Min)
Measuring Period in STAT Mode: 5 Min
Pulse Rate Range: 40-240bpm
Alarm Type: SYS, DIA, MEAN R
esolution
Pressure: 1mmHg
Accuracy: Maximum Mean Error 5mmHg
Maximum Standard deviation: 8mmHg

SPO2

Display: Number of SPO2, waveform of capacity, Pulse
Measuring range: 0~100%
Resolution: 1%
Accuracy: 70~100% ($\pm 2\%$)
Alarm system: Audio-visual alarm
Pulse rate range: 0-300bpm

TEMP

Channel. 2
Measuring and Alarm range: 0-50°C
Resolution: 0.1 °C
Accuracy: 0.1 °C
Actualization interval: about 1 second
Average Time Constant: <10 Second

System

Display system: 8" high-brightness color display
Networkable with central station
Resolution: 800x600
Optional Parameters: IBP, Et-CO2, Recorder
Central Monitoring(LAN/WLAN), Handle, Car Charger ,
Touch Screen
Power supply: AC100V-250V, 50Hz/60Hz
Size: 170mmx220mmx78mm
Weight: 1.5kg



The logo for AVEUS, featuring the word 'AVEUS' in a bold, blue, sans-serif font. A red swoosh underline starts under the 'A' and curves under the 'S'.

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