

AVEUS



AV-PRO Patient Monitor

www.aveusinstruments.com.pl

AV-PRO

Patient Monitor

Product Feature

- 12.1" color TFT LCD screen with multi channel waveforms display
- Rechargeable high energy built in Li-ion Battery
- Easy to learn, easy to use, simplified menus and dedicated functions keys
- Easy connection with central monitoring system
- 96 hours data storage
- Suitable for adult, pediatrics and neonates
- Monitors end-tidal CO2 and inspired CO2 accuracy at high respiration rates
- Gas monitoring with cutting edge water filter tube

Standard parameters :

3/5-Lead ECG, Aveus SpO2 , NIBP, RESP, 2-Temp, PR

Optional :

EtCO2 , Touchscreen , Thermal Recorder ,WLAN accessory , Nellcor-SPO2 ,2-I BP,Masimo SpO2,Masimo AGM .



Max 8 waveform display simultaneously,
max 6 leads ECG waveforms display



Trend graphs



Built in Thermal Recorder



Standard Interface



Big Font interface



Durable probes connector
with high quality



Economic,
Durable
Design



ECG

Number of Leads 3 or 5 leads Lead View
User Selectable : I,II,III,aVR,aVL,aVF,V(5 Lead);
1,II or III(3 lead)
Gain Selection x1/4,x1/2,x1 and x2
Frequency Response
Diagnostic:0.05 to 90HZ
Monitor:0.5 to 35 HZ
Surgery:1-15HZ
Calibration Signal 1 (mV p-p), Accuracy : +5%
ECG Signal Range +8 m V (Vp-p)
Review Available

Pulse Oximetry

Range 0 to 100%
Resolution 1%
Accuracy 70% to 99% range $\pm 2\%$
0 to 69%; undefined
Method Dual wavelength LED

Respiration Rate

Rate: Adult : 01%ⁱ 120 rpm
Neo/Ped 01%ⁱ 150 rpm
Resolution 1rpm
Accuracy ± 2 breath/min

Power Requirement

Voltage AC100-240V,50/60HZ
Power Consumption 35W
Battery 1 sealed lithium battery
Battery Life 3 hour typical
Recharge time 4.5 hours

NIBP

Technique Oscillometric during inflation
Range Adult: 40-270mmHg
Pediatric: 40-240mmHg
Neonate: 40-135mmHg
Measurement cycle <40 sec, typical
Cycles(Selectable) 2,3,5,10,15,30min 1,2,4hr
STAT model 5 minutes of continuous reading
Max Allowable Cuff Pressure
Adult: 297 ± 3 mmHg
Pediatric: 240 ± 3 mmHg
Neonate: 147 ± 3 mmHg
Resolution 1mmHg
Transducer Accuracy ± 2 mmHg or $\pm 2\%$ of reading

Temperature

Channels 2
Range, Accuracy 0°-50`C : +0.1 C
Display Resolution + 0.1`C
Probe YSI 400 and YSI 700 Series

Heart(Pulse)

Rate Source User Selectable :Smart,ECG,Pleth,NIBP
Range Adult 15-300 bpm
Pediatric 15-350 bpm
Accuracy ± 1 bpm or $\pm 1\%$ whichever is greater

Environment

Operating Temperature 59°--95°F (15°--35 C)
Storage Temperature 23°--122°F ()
Humidity 15% to 90%

Trends

Memory 96 hr at 30 second intervals for a NIBP
reading every 5 minutes
Display tabular; graphical



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