



## *Multi Parameter Patient Monitor for veterinarian*

- 7" high resolution(800x480) with maximum 7 waveforms
- Standard Configuration : ECG, SpO2, NIBP, Resp., 1TEMP
- Option : 2TEMP, 1,2IBP, EtCO2
  - Respronic's Mainstream(C5)
  - Respronic's Sidestream(LoFlo)
- 3CH ECG : Full 7 ECG & ST Segment analysis  
13 Arrhythmia analysis & Pacemaker detection
- 6kinds of Virtual Screen
- 7days tabular and graphic trend data storage
- Patient information, NIBP VENOUS STAT
- Easy S/W upgrade using SD Card (Max 8GB)
- Durable, and light Long Li-ion battery operation  
Std -1Pack : 90min / Opt - 2Pack : 3hours
- LAN and Wireless LAN Connection
- Touch Screen (Option)
- Built-in Printer (Option)



# SPECIFICATIONS

## General

### Display

- 7 inch (800 X 480) TFT LCD
- 6kinds of Virtual Screen
- Up to 7 wave trace On/Off  
(3ch ECG, SpO2, 2 IBP, Resp or EtCO2)
- Full ECG 7 wave Display (I, II, III, aVR, aVL, aVF, V)

### Parameters

- Std. : ECG, NIBP, SpO2, 1Temp, Resp.
- Opt. : 2Temp, 2IBP, EtCO2

### Interface

- RS-232 Port, LAN Port(Central Monitor),  
SD Card, ECG Output port(Option)

### Power

- AC 100~240V, 50/60Hz, 70VA
- BATTERY : Li-ion
  - STD -1Pack : 90min
  - OPT- 2Pack : 3hours

### Thermal Printer (Option)

- 3 channel
- Speed : 12.5, 25, 50mm/sec
- Paper size : 57mm

### Trend

- Memory Storage : 7 days (Standard)
- Tabular and Graphic Data Interval  
: 1, 5, 15, 30 min ... and 1 hours
- Save up to 20 Event data

### Language

- ENGLISH, FRENCH, SPANISH, GERMAN, ITALIAN, RUSSIAN,  
TURKISH, CZECH, RUMANIAN, PORTUGUSE, POLISH

### Physical Dimension

- 200mm(W) X 190mm(H) X 180mm(D)
- Weight : 4Kg (include Battery)

### Performance

#### EtCO2 (Option)

- Measurement Mode      Respiration Mainstream / Sidestream
- Measurement rang      0 ~ 150mmHg / 0 ~ 19.7% / 0 ~ 20kPa
- Resp. range              Mainstream    : 0 ~ 150 bpm (±1 bpm)  
                                 Sidestream     : 2 ~ 150 bpm (±1 bpm)

### ECG

- LEAD                      3leads / 5leads
- Channel                 3Channel : 3leads / 7leads(Full Display)
- HR Range                0 ~ 300 bpm (±2 bpm)
- GAIN                      2.5, 5, 10, 20, 30, 40, Auto mm/mV
- Sweep Speed            6.25, 12.5, 25, 50 mm/sec
- Pacemaker Mode       Pacemaker Detection
- Arrhythmia Detect      TAC, BRD, PVC, VTAC, ASY, BGM,  
TGM, VENT, VFIB, CPT, TPT, MIB, RonT
- ST Analysis             Range : -9.9mm ~ +9.9mm  
Resolution : 0.1mm
- HR Calculation         4 ~ 16 wave

### SpO2

- Range                    0 ~ 100%
- Accuracy                100 ~ 70% ±2%, 69 ~ 50% ±3%,  
49 ~ 0% unspecified
- Pulse range             0 ~ 300 bpm
- Accuracy                20 ~ 240 bpm ±2 bpm,  
241 ~ 300 bpm ±3 bpm
- Low Perfusion         0.2% up to
- Setting Time            Wave out Time : Max 2sec  
SpO2 Percentage Display : MAX 10sec
- GAIN                      x0.25, x0.5, x1, x2, x3, x4, Auto
- Sweep speed            6.25, 12.5, 25, 50 mm/sec

### Resp.

- Range                    0 ~ 200 rpm (± 2% or ± 2bpm)
- Apnea                    OFF, 10 ~ 40 sec
- GAIN                      x0.25, x0.5, x1, x2, x3, x4, Auto

### IBP. (Option)

- Channel                 2channel
- Range                    -50 ~ 350 mmHg
- Accuracy                ±1% (mmHg)

### NIBP

- Technique              Oscillometric, Automatic measurement
- Measurement range    Adult : 0 ~ 300 mmHg  
Neonate : 0 ~ 150 mmHg
- NIBP STAT              5 ~ 15min
- NIBP AUTO. interval   1,2,3,4,5,10,15,20,30min., 1,2,4,8,12hours

### TEMP

- Channel                 2channel
- Range                    0 ~ 50.0°C
- Accuracy                25.0 ~ 50.0°C ±0.1°C  
0 ~ 24.9°C ±0.2°C

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Network Patient Monitor System