

Hwatime

Modular Monitor

Features

12.1" color LCD screen with multi channel waveforms display ;
Resolution : 800*600, Parameter plug-in box
Support Thermal Recorder , HD output ;
Easy connecting with optional central monitoring system ;
Multi 6-leads ECG display, Big font interface, OxyCRG interface,
Trend Graphs interface ;
Built-in rechargeable lithium battery ;
Optional accessories for adult , pediatrics & neonate
ISO, CE approved

Standard parameters:

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

Optional:

EtCO2 , 2-IBP, 12 leads ECG, Touchscreen , Thermal Recorder ,
WLAN/Wireless accessory , Masimo Anesthetic Gas

HT6

Modular Monitor



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Hwatime

Hwatime Medical • Make your life better

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· See instructions for contraindication or precautions

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ECG

Number of Leads 3 or 5 leads

Lead View

User Selectable: I, II, III, aVR, aVL, aVF, V(5 Lead)

I, II or III (3 lead)

I, II, III, aVR, aVL, aVF, V₁~V₆ (12lead)

Range: adult/neo/ped 15-350bpm

CMRR: DIG>90dB

MON>100dB

SUR>100dB

Arrhythmia Analysis 13 kinds

ST Segment analysis -2.0mV~+2.0mV

ST Segment accuracy -0.8mV~+0.8mV

Gain Selection 250,500,1000,2000

Frequency Response

Diagnostic:0.05 to 130HZ

Monitor:0.5 to 40 HZ

Surgery:1-20HZ

Calibration Signal 1 (mV p-p), Accuracy : ±5%

ECG Signal Range ±8 mV (Vp-p)

Review Available

SPO2

Range 0 to 100%

Resolution 1%

Accuracy

70% to 99% range ±2%

0 to 69%; undefined

Method Dual wavelength LED

Respiration specification

Mode RA-LL Impedance method

Bandwidth 0.1 to 2.5 Hz

Resp rate

Adult 7 to 120 bpm

Children & Newborns 7 to 150 bpm

Resolution 1 bpm

Accuracy 2 bpm

Pulse Rate

Measurement Range 40 to 240 bpm

Resolution 1 bpm

Accuracy 3 bpm

Work Environment

Operating Temperature (0° to 40°C)

Storage Temperature (-20° to 60°C)

Operating Humidity 15% to 90%, non-condensing

Power Requirement

Voltage AC110-240V,50HZ

Power Consumption 8Watts ,typical

Battery 1 sealed lithium battery

Battery Life 2 hour

Recharge time 4.5 hours , typical

NIBP

Technique Oscillometric during inflation

Range Adult/Pediatric: 40-240mmHg

Neonate: 40-150mmHg

Measurement cycle <40 sec, typical

Cycles(Selectable) 1, 2, 3, 4, 5, 10, 15, 30, 60, 90,
120, 180, 240, 480min

STAT model 5 minutes of continuous reading

Range Adult SYS 40-270mmHg

DIA 10-215mmHg

Mean 20-165mmHg

Neo SYS 40-200mmHg

DIA 10-150mmHg

Mean 20-165mmHg

Ped SYS 40-135mmHg

DIA 10-100mmHg

Mean 20-110mmHg

Max Allowable Cuff Pressure

Adult: 300mmHg

Pediatric: 240 mmHg

Neonate: 150 mmHg

Resolution 1mmHg

NIBP Accuracy ±5mmHg

Look Back 720hours, Waveform 48hours

Temperature

Channels 2

Range, Accuracy 0° to 50°C , ±0.1°C

Display Resolution ±0.1°C

Probe YSI 400 and YSI 700 Series

Caculation&Storage

Dose, Ventilation, Renal, Hemodynamics, Oxygenation

Storage time 240h, Alarm group 1000

Optional Co2 (main/side stream plug in)

Range 0-15% 0-114mmHg

Resolution 1mmHg

Accuracy ±2mmHg or 5%

Flow sidestream 50ml/min

Optional IBP(plug-in)

Accuracy ±2% or ±1mmHg

Channel 2

Pressure ART, PA, CVP, RAP, LAP, ICP, P1, P2

Range PA-6-120mmHg

CVP, RAP, LAP, ICP -10-40mmHg

P1, P2 -10-300mmHg

Optional Recorder

Thermal printer 50mm resolution

Speed 25mm/s, 50mm/s

Channel 3, changeable



Plug-in EtCo2, 2-IBP

USB ports for mouse, keyboard,
Software updating

Standard 6-1 parameters, with
big volume

Multi-Gas (Optional)

Environment

Temperature: 10 C ~ 55 C

Humidity : 10% ~ 90% RH , Non-condensation

Atmospheric Pressure : 700~ 1200hPa

Gas sidestream Range :

70~ 200 ±10ml / min or ±10%

Increase Time

Co2: 250 ms (Decrease Time 200ms)

N2O : 250 ms

O2 : Refer to Specification of

Oxygen Sensor HAL , ISO, SEV,

DES: 300ms

ENF: 350ms

Alarm delay < 4 s

O2 Measure range 5Vol% ~ 100Vol%

O2Accuracy ± 3Vol%

EnfluraneMeasureRange0Vol% to5Vol%Enflurane Accuracy± (0.

15Vol%+15%rel)

IsofluraneMeasurerange0Vol% to5Vol%

Isoflurane Accuracy± (0.15Vol+15%rel)

Halothane Measure range 0 Vol% to 5 Vol%

Halothane Accuracy ± (0.15 Vol% +15% rel)

Sevoflurane Measure range 0Vol% to 5 Vol%

Sevoflurane Accuracy± (0.15Vol +15% rel)

Desflurane Measure range 0Vol% to 18 Vol%

Desflurane Accuracy± (0.15Vol% + 15rel)

N2OMeasurerange 0Vol% to100Vol%

N2OAccuracy ± (2Vol% +8% rel)Co2 Measure range 0 Vol

% to 10 Vol%Gap of Maintenance >40000 h