

YONKEL (€"0€

Multi-parameter Patient Monitor

Monitor ECG, SpO2, NIBP, RESP, TEMP, PR and HR.

Can be upgraded to separate modules Unique appearance design



TECHNICAL SPECIFICATIONS

Quality Standards and Classification

CE, ISO13485 SFDA: Class II b Anti-electroshock degree:

> Class I equipment (internal power supply)

TEMP/SpO 2 /NIBP: BF

ECG/Resp: CF

Application Range

Adult/Pediatric/Neonatal/Medicine/Surgery/ Operating Room/ICU/CCU

Display

15" real color TFT screen Resolution: 1024x768 One alarm indicator(yellow/red) One working indicator(green) One battery charge state indicator(green) Three modes in accordance with the alarm state

Environment

Altitude:

Operating environment : Temperature: 0 ~ 40 °C ≤85% Altitude: -500 ~ 4600m

Transport and Storage environment : Temperature: $-20 \sim 60 \degree$ Humidity: ≤93%

-500 ~ 13100m

Power Requirements

AC: 100 ~ 240V, 50Hz/60Hz DC: Built-in rechargeable battery Battery: 4000mA 11.1V lithium battery 2h operating after full charge(one piece) 5min operating after low battery alarm

Dimension and Weight

Equipment:

360mm x162mm x321 mm; 4.5kgs

Package:

420mm x380mm x285mm; 7.5kgs

Date Storage

Trend diagram/table: 7x24h NIBP review: 400 events Wave review: 100min Alarm review: 100 alarm events Support drug concentration titration analysis

ST Segment

ST Segment Range: -2.0mV ~ +2.0mV

Accuracy: 0.02mV

FCG

5 Leads: RA, LA, LL, RL, V Lead mode: I, II, II, aVR, aVL, aVF, V Increase: ×250, ×500, ×1000, ×2000 Sensitivity: > 200 uV (Peak-to-peak value) Input impedance: > 5 (megohm)
Bandwidth: Surgery 1 ~ 20 Hz
Monitor 0.5 ~ 40 Hz Diagnostic 0.05 ~ 130 Hz

CMRR: ≥ 100dB

Polarization Voltage: ± 300mV

Baseline Recovering Time: After defibrillation< 3 seconds Signal Range: 8 mV (Peak-to-peak value) Calibrating Signal: 1mV, precision ±5%

RESP

Method: RA-LL impedance Resp Impedance range: $0.3 \sim 3 \Omega$ Base Impedance range: 200 Ω ~ 4000 Ω Bandwidth: 0.1 ~ 2.5Hz

0 ~ 120BrPM Resp rate: Adult Neonatal/Pediatric 0 ~ 150BrPM 1BrPM Resolution:

Precision: ±2 BrPM Asphyxia Alarm: $10\!\sim\!40$ seconds

NIBP

Method: Pulse wave oscillometry Work mode: Manual/ Auto/ STAT Measure interval of auto mode:

1,2,3,4,5,10,15,30,60,90,120,180,240,480 minute(s)

Measuring Time of STAT Mode: 5 minutes PR range: 40 ~ 240bpm

Measure & alarm range:

Adult

SYS 40 ~ 270mmHg 10 ~ 215mmHg MEAN 20 ~ 235mmHg Pediatric SYS 40 ~ 200mmHg 10 ~ 150mmHg MEAN 20 ~ 165mmHg Neonatal SYS 40 ~ 135mmHa DIA 10 ~ 100mmHg MEAN 20 ~ 110mmHg

Static pressure range: 0 ~ 300mmHg

Precision: ± 3mmHg

Pressure precision:

Max. average error: ±5mmHg Max. standard deviation: ±8mmHg

Overvoltage protection:

Adult 300mmHa Pediatric 240mmHg Neonatal 150mmHg

SpO₂

Range: 0 ~ 100%

Resolution: 1% Precision: 70% ~ 100%: ±2 DIGIT 0% ~ 69%: ±no definition given

Pulse Rate

20 ~ 300bpm Range: Resolution: 1bpm Precision: ±3bpm

TEMP

Channel

Measure & alarm range: 0 ~ 50 °C Resolution: 0.1 °C Precision (no sensor): ±0.1 °C

Standard accessories

NIBP cuff & tube

ECG cable & electrodes

SpO2 sensor

• TEMP probe

Lithium-ion battery

Power cable

Operator's manual

Optional accessories

• CO2 module

• IBP module

Touch screen

Trolley bracket

Hanging bracket

Monitor recorder

IBP

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

Measuring and alarm range 0 ~ 300 mmHg PA -6 ~ 120 mmHg CVP/RAP/LAP/ICP -10 ~ 40 mmHg P1/P2 -10 ~ 300 mmHa

Press Sensor Sensitivity 5 uV/V/mmHa 300-3000Ω Impedance

Resolution: 1 mmHa Accuracy: ±2% or ±1mmHg, which great

Actualization interval: about 1 Sec.

Side/Main stream

Warm-up time:

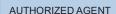
(capnogram) can be displayed within 20/15 seconds, and all the specifications can be fulfilled within 2 minutes.

Measurement range:

0-150mmHg, 0-19.7%,0-20kPa (at 760mmHg), atmospheric pressure provided by the host. Resolution 0.1mmHg: 0-69mmHg 0.25mmHg: 70-150mmHa

Precision 0-40mmHg: ±2mmHg 41-70mmHg: ±5% (reading) 71-100mmHg: ±8% (reading) 101-150mmHg: ±10% (reading) 0- 150 BPM Respiratory rate range Respiratory rate accuracy: ±1 BPM

NOTE: The specifications are subject to changes without prior notice



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