

DELUXE-100

Multi-parameter Patient Monitor

NIBP

Technique	Oscillometric	
Typical measuring time	<30 seconds (typical adult cuff)	
Initial cuff inflation pressure	Adult Pediatric Neonate	<175mmHg <135mmHg <65mmHg
Overpressure protection limit	Adult Pediatric Neonate	300mmHg 240mmHg 150mmHg
Measuring range		
Systolic pressure	Adult Pediatric Neonate	40mmHg~275mmHg 40mmHg~200mmHg 40mmHg~135mmHg
Diastolic pressure	Adult Pediatric Neonate	10mmHg~210mmHg 10mmHg~150mmHg 10mmHg~95mmHg
Mean arterial pressure	Adult Pediatric Neonate	20mmHg~230mmHg 20mmHg~165mmHg 20mmHg~110mmHg
Measurement accuracy	Maximum mean difference: ±5 mmHg Maximum standard deviation: 8 mmHg	
Measurement mode	Manual, Auto, STAT	
Automatic measuring intervals	1~480min	

TEMP

Measuring range	21.0°C~50.0°C
Measuring accuracy	±0.2°C for range from 25.0°C~45.0°C

SpO_2

Transducer	Dual-wave length LED
SpO_2 measuring range	0%~100%
SpO_2 measuring accuracy	2% for from range 70% to 100%
Low perfusion performance	As low as 0.4%
PR measuring range	0bpm~250bpm
PR measuring accuracy	±2bpm or ±2%, whichever is greater

ECG

Input dynamic range	±0.5mVp~±5mVp
HR measuring range	15bpm~350bpm
HR measuring accuracy	±1% or ±2bpm, whichever is greater
HR alarm delay time	≤10s
Sensitivity selection	×1/4, ×1/2, ×1, ×2, ×4 and Auto
Sweeping speed	6.25mm/s,12.5mm/s, 25mm/s, 50mm/s
ECG noise level	≤30μVp-p
ECG input loop current	≤0.1μA
Differential input impedance	≥10Mohm
Common-mode rejection ratio (CMRR)	≥105dB (Monitoring mode) ≥89dB (Diagnostic mode)
Time constant	≥0.3s (Monitoring mode) ≥3.2s (Diagnostic mode)

RESP

RR measuring range	0rpm~120rpm
RR measuring accuracy	±5% or ±2rpm, whichever is greater

Others

Power supply	100~240Vac, 50/60Hz
Built-in battery	4400mAh Lithium battery
Display	10.4 inch TFT display
Alarming mode	Audible-visual alarm
Networking port	Ethernet port
Product dimension	284(L) x 164(W) x 303(H)mm

Standard Configuration

ECG, RESP, SpO_2, NIBP, TEMP, PR

Option

$EtCO_2$, Built-in printer, Central monitoring system, Touch screen

CREATIVE MEDICAL TUV SUD CE 0123 FDA510(k)

Shenzhen Creative Industry Co., Ltd.
Floor 5, BLD 9, Baiwangxin High-Tech Industrial Park, Songbai Road, Xili Street
Nanshan District, 518110 Shenzhen, PEOPLE'S REPUBLIC OF CHINA
Tel: +86 755 2643 3514 Fax: +86 755 2643 0390
www.creative-sz.com info@creative-sz.com

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