



ZMT Z515 EBUS



Vital Sign Monitor

ZMT Z515 EBUS - Technical Specifications

ECG

Leads mode	I, II, III, AVR, AVL, AVF, V
Gain	X 0.25, X 0.5, X1, X2
Heart Rate	15-300BPM (Adult), 15-350BPM (Neonatal)
Resolution	1BPM
Accuracy	±1%
ST measurement range	±2.0mV
Accuracy	±10%
Pace Detection	Yes
Sweep Speed	12.5mm/s, 25mm/s, 50mm/s
Bandwidth	Diagnostic 0.05 ~ 130 Hz
Monitor	0.5 ~ 40 Hz
Surgery	1 ~ 20 Hz

SPO₂

Measurement range	0 – 100%
Resolution	1%
Accuracy	2% (70-100%)
Pulse Rate	20-250 BPM
Resolution	1 BPM
Accuracy	±3 BPM

RESPIRATION

Measure Range	0-150 BrPM
Resolution	1 BrPM
Accuracy	± 2%

NIBP

Work Mode	Manual, Automatic and continuous
Unit	mmHg, kPa
Measure range -	
Adult	SYS 40-280mmHg
	DIA 10-225mmHg
	MEAN 20-240mmHg
Pediatric	SYS 40-220mmHg
	DIA 10-160mmHg
	MEAN 20-170mmHg
Neonatal	SYS 40-135mmHg
	DIA 10-100mmHg
	MEAN 20-110mmHg
Resolution	1mmHg
Accuracy	± 5mmHg
Protection	Over pressure

TEMPERATURE

Measure range	0-50°C
Resolution	0.1°C
Accuracy	± 0.1°C

IBP (optional)

Channel	2
Measure Range	50 ~360mmHg
Accuracy	±2%

CO₂ (optional)

Measure range	0% ~ 13%
Resolution	1 mmHg
Accuracy	2 mmHg@ <5.0% (at ATPS)
AwRR	3 - 150 bpm

RECORDER (optional)

Width	48 mm
Speed	25/50 mm/s
Channel	2

GENERAL

Mainboard software	Upgrade via network
Dimension	330(W) X 305(H) X 164(D) mm
Weight	3.3 Kg approx. (with battery)
Battery Backup	4 hrs.
Battery	14.8V, 2200mAh Li-ion rechargeable
Power input	165-265V, 50/60Hz, ±10%
Networking	Ethernet

STANDARD ACCESSORIES

Component	Qty.
ECG cable 5 lead	01 no
SpO ₂ Probe (Adult)	01 no
NIBP Cuff (Adult)	01 no
Temperature Probe (Rectal)	01 no
ECG electrodes (Disposable)	10 nos

OPTIONAL

IBP, Capnography, Thermal Printer, WiFi, CMS, Rolling Trolley, Wall Mounting and Temperature Probe (Skin)



ECG Cable



SpO₂ Sensor



NIBP Hose



NIBP Cuff



Rectal Temp. Probe



Skin Temp. Probe *

*Optional

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