



Multi-Parameter Patient Monitor

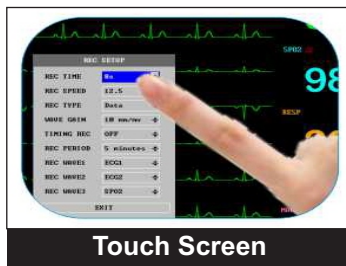
DIGITEX® Optimus T10, T20

TECHNICAL SPECIFICATIONS

PHYSICAL SPECIFICATION	
Dimension:	335x270x225mm
Net Weight:	2.5kg (Main Unit)
Display:	Optimus T10: 10.4" LCD Optimus T20: 12.1" LCD (Touch Screen Optional)
POWER SUPPLY	
External Power:	100-240V 50/60Hz
Internal Battery:	Rechargeable Li-ion 4200mAh 14.8V DC 2200mAh 14.8V DC
Battery Working Period:	≥ 4 hours (4200mAh) ≥ 2 hours (2200mAh)
ECG	
Leads:	3/5 Leads, AHA/IEC
Channels:	7 Synchronization Channels (I, II, III, aVR, aVF, aVL, V)
Gain:	5mm/mV, 10mm/mV, 15mm/mV
Sweep Rate:	12.5mm/s, 25mm/s, 50mm/s
ECG Filter Mode:	3 Modes Selectable
Range of Heart Rate Monitoring:	20~350bpm (Neonatal) 20~300bpm (Others)
Accuracy:	1bpm
ECG Analysis:	Heart Rate Variability, Arrhythmia Analysis
S-T Measurement Range:	-2.0~ +2.0mv
Pace Maker Detection:	Yes
CMRR:	≥89dB
Anti-Polarizing Voltage:	±500mV
Baseline Recovery Time:	<5s After Defibrillation
RESP	
Method:	RA-LL Impedance
Measurement Range:	0, 10~150rpm
Resolution:	1rpm
Precision:	±2%
Alarm Settings:	Respiratory Rate Over Range Apnea

NIBP	
Method:	Oscillometric
Mode:	Manual, Auto, Continuous
Measuring Interval:	
In Auto Mode:	5~480 mins 15 Options
Pulse Rate Range:	25~250bpm
Measuring Range:	Adult Mode SYS 40~260mmHg DIA 20~200mmHg MEAN 26~220mmHg Pediatric Mode SYS 40~160mmHg DIA 20~120mmHg MEAN 26~133mmHg Neonatal Mode SYS 40~130mmHg DIA 20~100mmHg MEAN 26~110mmHg
Resolution:	1mmHg
Precision:	Avg. <5mmHg; Std. <8mmHg
Overpressure Protection:	Hardware and Software
SpO2	
Measuring Range:	0~100%
Resolution:	1%
Precision:	Adult/Pediatric 70%~100% ±2% Neonatal 70%~100% ±3%
Pulse Rate Measuring Range:	25~240bpm
Resolution:	1bpm
Accuracy:	±3% or 2bpm
TEMPERATURE	
Channel:	2
Method:	Thermal
Measuring and Alarm Range:	0~50 °C
Resolution:	0.1 °C
Accuracy:	0.1 °C (25~45 °C) 0.2 °C (Others)
Average Time Constant:	<60 sec.

IBP*	
Channel:	2 or 4 Channels
Measuring Range:	ART 0~300mmHg PA -6~120mmHg CVP -10~40mmHg RAP -10~40mmHg LAP -10~40mmHg ICP -10~40mmHg
Pressure Resolution:	1mmHg
Pressure Precision:	±2% or ±2mmHg
EtCO2 (GH MAIN STREAM OR SIDE/MICRO STREAM)*	
Sample Rate:	50ml/min (Side Stream)
Measuring Range:	CO2: 0~99mmHg RESP: 0~150brpm
Resolution:	CO2: 1mmHg RESP: 1brpm
Accuracy:	CO2: 2mmHg +2% of Readings RESP: 1brpm (0~70bpm), 3brpm (Others)
NETWORK CONNECTION	
LAN	Ethernet
WLAN	WIFI*
	Telephony CDMA/GPRS*
I/O INTERFACE	
	USB
	RJ-45
	VGA Output
COMPATIBLE WITH	
<ul style="list-style-type: none"> Sun Tech NIBP Nellcore SpO2 Masimo SpO2 Oridion EtCO2 (Micro Stream) Phasein EtCO2 (Main/Side Stream) 	
<p>Remark:</p> <ul style="list-style-type: none"> The Items marked by "*" are optional. Features and Specifications are subject to change without prior notice. 	



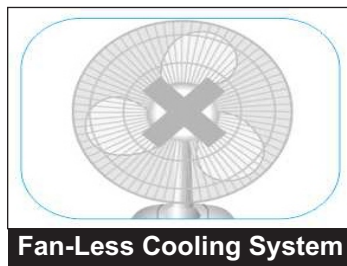
Touch Screen



Light Weight



Auto Brightness Adjust



Fan-Less Cooling System



Remote Controller



Plug & Play Printer Module



Li-Ion Battery



Various Connectivity



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