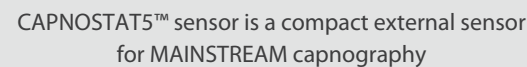
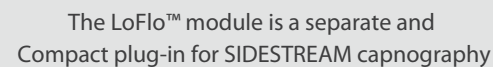
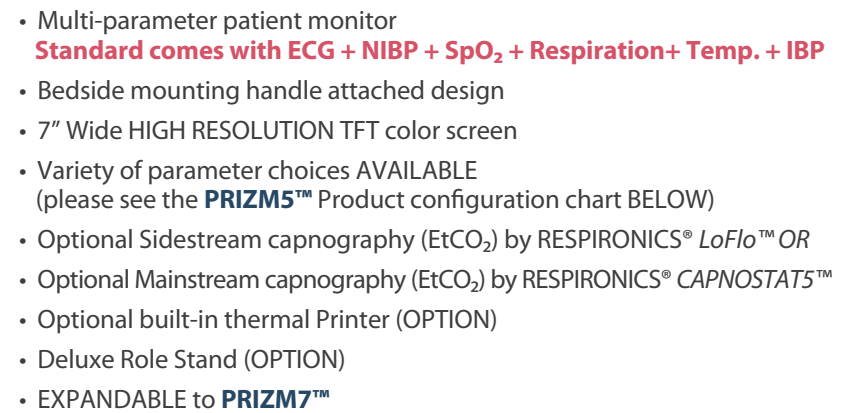


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PRIZM5™

COMPACT Patient Monitor

CE
0120



INDEX	EtCO ₂	ECG	NIBP	SpO ₂	IBP	Temp	Printer	Remarks
								Remarks : ① For Capnography(EtCO ₂), marked S stands for sidestream that comes with an external stand alone module and M stands for Mainstream that come with a Mainstream sensor. ② For IBP and Temp marked I means only interface is available on machine ③ For abbreviations (above such as DV) are used in the chart for Basic components and accessories please refer to last page for details

PRIZM the Central™



- Works with **PRIZM5™ & PRIZM7™**
- Supports wired connection up to 32 devices
- Bi-directional communication

[Specification]

Performance

Saturation (SpO ₂)		
Range	0 to 100%	
Resolution	1%	
Accuracy		
Adult/ Child	70 to 100% 50 to 69% 0 to 49%	±2 Digits ±3 Digits unspecified
Neonate	70 to 100% 50 to 69% 0 to 49%	±3 digits ±4 digits unspecified
Average		
Adult/ Child	2, 4, 8, 12	
Neonate	8, 12	
Pulse Rate		
Range	30 to 250bpm	
Resolution	1bpm	
Accuracy	30 to 250bpm	±3 Digits
Perfusion Index		
Range	0.05 to 20%	
ECG		
Lead Type	3-lead or 5-lead Input (3-lead) RA, LA, LL Lead selection(3-lead) I, II, III Input(5-lead) RA, LA, RL, LL, V Lead selection(5- lead) I, II, III, aVR, aVF, aVL, V	
Frequency Response	0.5 to 40Hz	
Display Sensitivity	1.0cm/mV ±10%	
Gain Selection	5, 10, 20, 40mm/mV	
Display Channel	3-lead(1channel), 5-lead(2channel)	
Sweep Speed	12.5mm/sec, 25mm/sec	
Pacemaker Detection	YES	
Heart Rate Range	15 to 300 bpm	
Heart Rate Accuracy	±3 bpm	
Resolution	1bpm	

NIBP			
Technique	Oscillometric		
Range	SYS	Adult	40 to 260 mmHg
		Child	40 to 160 mmHg
		Neonate	40 to 130 mmHg
	DIA	Adult	20 to 200 mmHg
Child		20 to 120 mmHg	
Neonate		20 to 100 mmHg	
MAP	Adult	26 to 220 mmHg	
	Child	26 to 133 mmHg	
	Neonate	26 to 110 mmHg	
Pulse Rate	30 to 220 bpm (±2% or ±3bpm)		
Pressure Transducer Accuracy	±3 mmHg between 0 to 300mmHg for operating conditions between 0 to 50°		
Patient Safety	Maximum Cuff Inflation Time : 75seconds Overpressure Protection : 300mmHg (Adult, Pediatric) 150mmHg (Neonate) Inflation Timeout : 180seconds (Adult & Pediatric) 90seconds (Neonate)		
Intervals for AUTO Measurement Time	1, 2, 3, 4, 5, 10, 15, 30, 60, 90, 120, 240, 480 minutes		
Intervals for STAT Measurement Time	Continuous measurement for 5minutes		

Respiration	
Range	0 to 150rpm
Accuracy	±2 rpm
Method	RA-LL impedance, RA-LA impedance
Apnea Alarm	10 to 40 seconds

Temperature	
Channel	1
Range	15 to 45°C (59 to 113°F)
Accuracy	±0.1°C (25 to 45°C) ±0.2°C (15 to 24°C)
Probe Type	Compatible with YSI 400 Series

IBP	
Channel	1
Range	-50 to 300mmHg
Accuracy	±1mmHg
Zero Balancing Range	±200mmHg

End-tidal CO ₂ (EtCO ₂) – Sidestream LoFlo™		
Range	0 to 150 mmHg (0 to 19.7%, 0 to 20kPa) at 760mmHg	
Accuracy	0 to 40mmHg	± 2mmHg
	41 to 70mmHg	± 5% of reading
	71 to 100mmHg	± 8% of reading
	101 to 150mmHg	± 12% of reading
awRR (Respiration time)	2~150 breaths/minutes	

Compensation	Barometric pressure 400 to 850mHg Gas compensations : O ₂ , N ₂ O, He, Anesthetic	
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End-tidal CO ₂ (EtCO ₂) – Mainstream CAPNOSTAT5		
Range	0 to 150 mmHg (0 to 19.7%, 0 to 20kPa) at 760mmHg	
Accuracy	0 to 40mmHg	± 2mmHg
	41 to 70mmHg	± 5% of reading
	71 to 100mmHg	± 8% of reading
	101 to 150mmHg	± 10% of reading
awRR (Respiration time)	2~150 breaths/minutes	

General

Display	
Display	Color TFT LCD
Size	7 Inch (800 x 480 dot)
Brightness	Dark, Medium, Bright
LED Lamp	
Display	AC Power Status Lamp Battery Power Status Lamp
Alarm	
Alarm Indicators	Alarm Message Alarm Sound Alarm Image
Alarm Priority	High Priority Medium Priority Low Priority
Alarm Volume	10 to 100%
Alarm Pausing Tone	120 seconds
Trend	
Memory	Save continuously for 72 Hours (for 1min saving period)
Display	Tabular, Graphical
External Interface	
LAN	For Central Program
VGA OUT	For External Monitor Display

Physical Characteristics and Language

Weight	Main - 2000g, Power Unit – 300g
Dimensions	175(H) x 220(W) x 120(D) mm
Package Unit	1ea
Language	English, Italian, German, Spanish, Ukrainian



Deluxe Roll Stand(Option)

Electrical

Main Machine	
Power Input	12Vdc(max)
Fuse Rating	5A, 32VAC/DC
Power Unit	
Power Input	100-240 Vac, 50/60Hz
Power Output	12Vdc, 3.5A
Battery	
Type	11.1V Li-ion Internal Battery
Charge Time	6 hours
Battery Capacity	Typically 2 hours using new, fully charged battery
Warranty	6 months
Operating Pressure	80 to 106kPa
Operating Attitude	0 to 2,000m

Environmental

Storage Temperature	-20 to 70°C
Operating Temperature	5 to 35°C
Operating Humidity	30 to 85%, non- condensing

Printer(option)

Method	Thermal
Type	Built-in
Speeds	12.5, 25mm/seconds
Paper Width	58mm
Wave from Channel	2 Max

Basic Components & Accessories

- Reusable SPO₂ adult sensor 1ea (**Common**)
- SPO₂ extension cable 1ea (**Common**)
- ECG cable (3 lead) 1ea (**Common**)
- ECG electrode 10ea(**Common**)
- Adult NIBP cuff 1ea (**Common**)
- NIBP extension hose 1ea (**Common**)
- IBP disposable monitoring kit 1ea (**for 200506/200507 only**)
- IBP adaptor cable 1ea (**for 200506/200507 only**)
- LoFlo ETCO₂ module 1 ea (**for S/Stream ETCO₂**)
- LoFlo CO₂ airway adaptor 1ea (**for S/Stream ETCO₂**)
- LoFlo CO₂ Cannula 1ea (**for S/Stream ETCO₂**)
- CAPNOSTAT5 sensor kit 1set (**for M/Stream ETCO₂**)
- Temp Sensor 1ea (**for 200503~200507 only**)
- AC-DC adaptor & charger 1ea (**Common**)
- User's Manual 1ea (**Common**)

Optional Accessories

- Neonate NIBP Cuff
- Pedi NIBP Cuff
- SpO₂ Sensor(pediatric, neonate, Y-type)
- ECG Cable(5-lead)
- Roll Stand
- Printer Paper

Please ask Charmcare for more optional arrangement that is not listed