



## H100 Palm CO2 Monitor

### Product Introduction

The H100 CO2 monitor is a compact handheld monitor which provides cutting-edge CO2 monitoring. The system's reliable performance, ease of use, flexible design and affordable cost makes it the ideal monitoring solution for adult, pediatric and infant patients; patients undergoing procedural sedation; and short-term monitoring of patients.

H100 automatically identifies and quantifies the end-tidal CO2, inspired CO2 and respiration rate. The system uses with a 2.8 inch colorful LCD and its Lithium battery can support 8 hours at most. Additionally, it could save historical data automatically in a SD card and users could review these data through a PC software.

### Product Features

- Monitors end-tidal CO2 and inspired CO2 accurately at high respiration rate
- Gas monitoring with cutting-edge water filter tube
- Easy to learn, easy to use - simplified menus and dedicated function keys
- Compensation including barometer pressure, oxygen, N2O and anesthetic gas
- 8 hours working time, 24 hours standby time
- 96 hours historical data replay on PC



## Technical Specifications

System	Sample Mode	Sidestream	
	Principle	Non-dispersive Infrared (NDIR)	
	Sample Rate	50 mL/min	
Capnograph	Units	mmHg, %	
	Measure Range	0 - 114 mmHg, 0 - 15%	
	Resolution	0.1 mm Hg	0 to 50 mm Hg
		0.25 mm Hg	50 to 114 mm Hg
	Accuracy	±2 mmHg	0 - 40 mmHg
		±5% of reading	40 - 114 mmHg
	Compensation	Barometric Pressure	Automatic Measuring
		N2O compensation	User Selectable
		O2 Compensation	Set by Host
Respiration Rate	Measure Range	2 - 120 Breath per minute (BPM)	
	Resolution	1 breath/min	
	Accuracy	±1 BPM or ±1%, whichever is greater	
Alarms	Indication	Audible; Visual	
	Silence	Yes; one minutes; two minutes or permanent	
Trend	Memory	96-hours historical data saving	
	Display	Display on PC monitoring system	
Interface & Display	Keys	Menu/OK; Up; Down; Cancel; Start/Stop	
	Screen	2.8 inch color LCD	
	Resolution	320 × 240 pixels	
	Sweep Speed	6.25 mm/s, 12.5 mm/s	
	Language	English; Chinese	
Physical Properties	Weight	About 1kg	
	Size	15.2 cm (H) × 9.2 cm(W) × 4.2 cm(D)	
		5.98 inch(H) × 3.61 inch(W) × 1.65 cm(D)	
Power Requirements	Voltage Supply	220 AC; 50 Hz	
	Power Consumption	About 2W typical	
	Battery	A sealed lithium battery	
	Battery Life	At least 8 hours	
	Recharge time	4 hours	
Environmental	Operating temperature	5 - 35 °C	
	Storage temperature	-5 - 50 °C	
	Operating humidity	15% - 90%, non-condensing	