



## Q100F Patient Monitor

### Configurations

Standard: ETCO<sub>2</sub>, INCO<sub>2</sub> and Respiration Rate

Optional: Printer

### Features

- 7" color TFT LCD screen with waveform display
- Rechargeable high-energy built-in Li battery
- Easy to learn, easy to use - simplified menus and dedicated function keys
- Easy connecting with central monitoring system
- 96 hours data storage



## Technical Specifications

### Capnography (CO<sub>2</sub>)

|                                |  |
|--------------------------------|--|
| Units:                         | mmHg; kPa; %                             |
| Method:                        | Non-dispersive infrared; autocalibrating |
| N <sub>2</sub> O Compensation: | Manual; On/Off, user selectable          |
| Range:                         | 0 to 114 mmHg; 0 to 15%                  |
| Flow, Sample Rate:             | Sidestream; 50 ml/min                    |
| Accuracy:                      | ±2 mmHg or 5% of reading                 |

### Respiration Rate

|             |               |
|-------------|---------------|
| Rate:       | 2 to 120 bpm  |
| Resolution: | 1 breath/min  |
| Accuracy:   | ±2 breath/min |

### Trends

|          |                             |
|----------|-----------------------------|
| Memory:  | 96 hours<br>every 5 minutes |
| Display: | tabular, graphical          |

### Interface & Display

|              |                                |
|--------------|--------------------------------|
| Keys:        | 4; membrane activated          |
| Rotary Knob: | Push and rotate; 24 steps/turn |
| Screen:      | 7.0 inch active color TFT      |
| Resolution:  | 800 x 480 pixels               |
| Languages:   | English, Chinese               |

### Printer (optional)

|              |                       |
|--------------|-----------------------|
| Type:        | Thermal printer       |
| Paper Speed: | 6.25, 12.5, 25 mm/sec |

### Physical Properties

|         |                                     |
|---------|-------------------------------------|
| Weight: | 1.7 kg                              |
| Size:   | 17.5 cm (H) x 23 cm (W) x 11 cm (D) |

### Power Requirements

|                    |                        |
|--------------------|------------------------|
| Voltage:           | 100-220 V AC; 50/60 Hz |
| Power Consumption: | 8 Watts, typical       |
| Battery:           | 1 sealed li-battery    |
| Battery Life:      | 4 hours, typical       |
| Recharge Time:     | 4 hours, typical       |

### Environmental

|                        |                             |
|------------------------|-----------------------------|
| Operating Temperature: | 59° to 95° F (15° to 35°C)  |
| Storage Temperature:   | 23° to 122° F (-5° to 50°C) |
| Operating Humidity:    | 15% to 90%, non-condensing  |