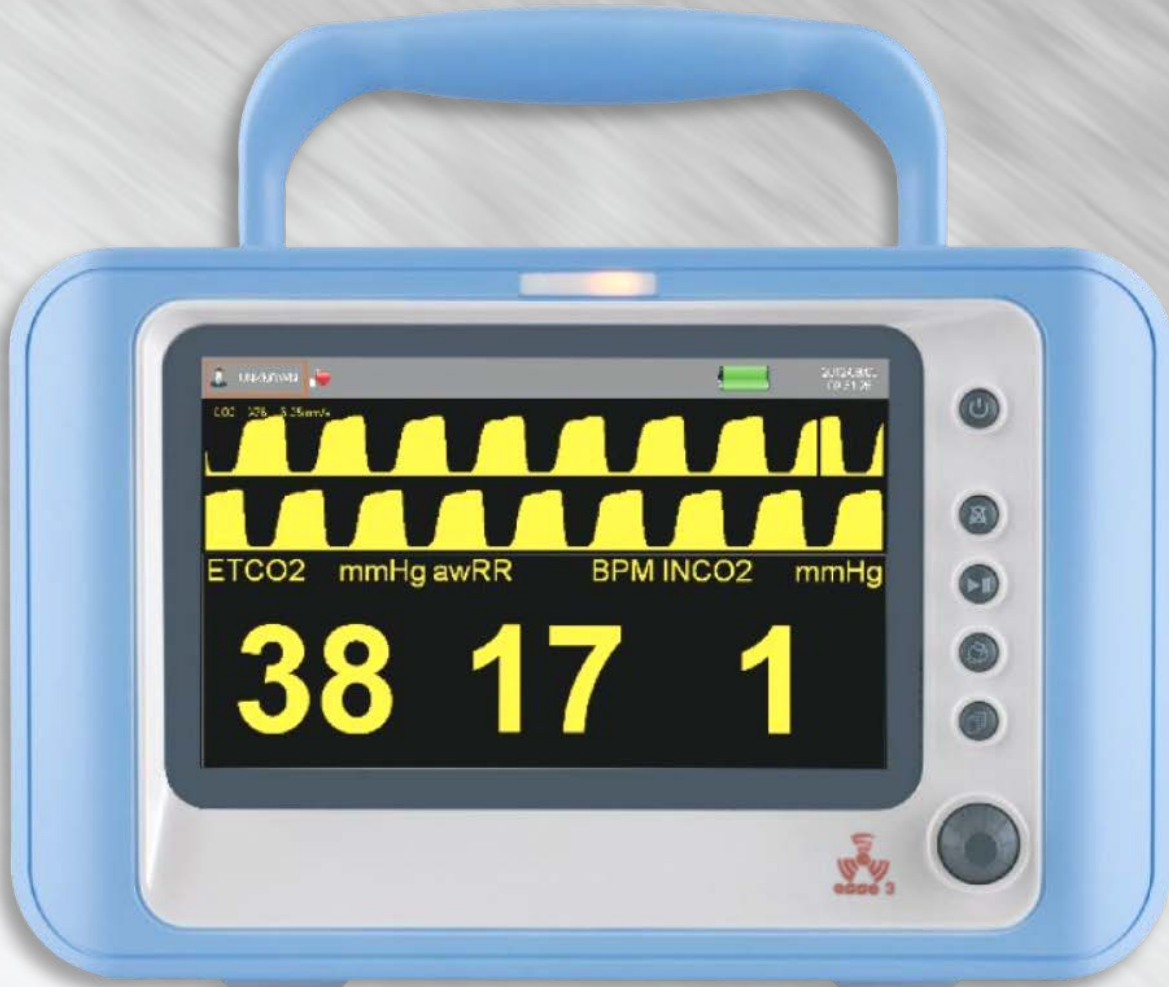




# ESMD-98

## Capnograph

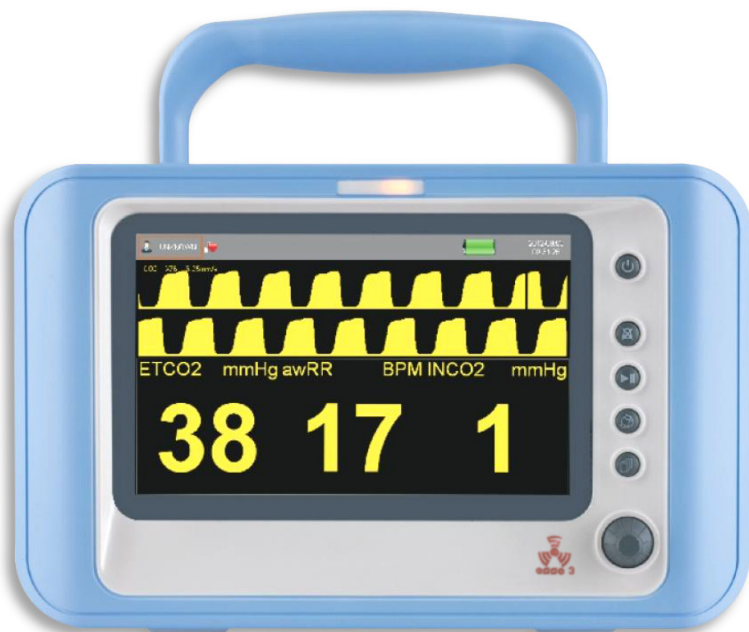


INTENSIVE CARES



# ESA 8!- ,

.....7Udbc[ fUd\



## Cod. ESA 8!- ,

- 7" TFT screen, with wave form display
- Rechargeable High-energy Built-in Battery
- Easy to use and operate
- 96 hours data storage
- Standard: EtCO<sub>2</sub>, INCO<sub>2</sub> and Respiration Rate
- Optional thermal printer

## Technical Features

### Pulse Oximetry

SPO <sub>2</sub> Range	1% to 99%
Resolution	1%
Accuracy	70%

### Heart (Pulse) Rate

Range	30 to 250 bpm
Accuracy	±2 bpm or ±3%, whichever is greater

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

Units	mmHg; kPa; %
Method	Non-dispersive infrared; auto calibrating
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 (CO <sub>2</sub> )
Resolution	1 breath/min

### 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
Waveforms	3, maximum
Waveform Types	CO <sub>2</sub> ; Pleth
Sweep Speed	6.25, 12.5, 25 mm/s
Languages	English

### Trends

Memory	96 hours with a NIBP reading every 5 minutes
Display	tabular, graphical

### Optional printer

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

### Physical Properties

Weight	1.7 kg
Size (WxDxH)	23 x 11 x 17.5 cm

### Power Requirements

Voltage	110-240 V AC; 50 Hz
Power Consumption	8 Watts, typical
Battery	1 sealed lithium battery
Battery Life	8 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



ESSE3 srl, Via Garibaldi 30  
14022 Castelnuovo D.B. (AT)  
Tel +39 011 99 27 706  
Fax +39 011 99 27 506  
e-mail [esse3@chierinet.it](mailto:esse3@chierinet.it)  
web: [www.esse3-medical.com](http://www.esse3-medical.com)

