

Table-Top Patient Monitor

MP570T

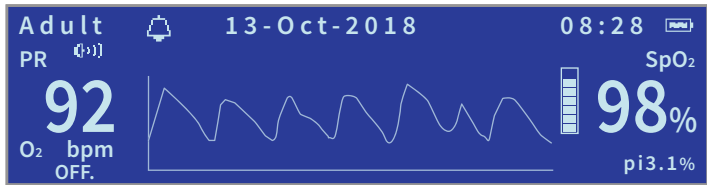


As MEKICS's products are ceaselessly improved, the actual product may differ from the descriptions, specifications, and the pictures in this publications.

Table-top type Patient Monitor
Neonate to Adult patient
SpO₂ plethysmographic waveform, Pulse rate
High performance in low perfusion & artifact
Perfusion Index Display

Product Overview

MP570T is compact and unique SpO₂ / FiO₂ monitoring System for oxygen therapy in hospital. This System is easy to use that have encoder type user interface and compact size. MP570T's features are FiO₂ and SpO₂ with perfusion index, Long Battery operating time (4hrs) and 120hrs trend.



Trend display

TREND	← T →	1m	DEL : N	Return
Day	Time	PR	SpO ₂	O ₂
13	08:22	---	---	---
13	08:23	---	---	---
13	08:24	---	---	---
13	08:25	---	---	---
13	08:26	---	---	---

Main display

MENU	Neonate
ALARM	Maximum
- SpO ₂	x2
O ₂	
SETUP	
TREND	SpO ₂ v3.54
MODE	
- SENSITIVITY	
WAVE	
Return	

Sensitivity setting

MENU	FUNCTION Disabled
ALARM	CALIBRATION
- SpO ₂	Return
O ₂	
SETUP	
TREND	

O₂ monitoring function (Optional)

Specifications

Features

Display Monitor Functions	Mono LCD with Encoder, 1 Wave SpO ₂ , FiO ₂ monitoring SpO ₂ , PR, PI, FiO ₂ , 120 hrs Trend
Optional	FiO ₂ Sensor cable, FiO ₂ Sensor, T-Adaptor

Display Data

Parameters	Setting parameters / Alarm status / System Status
Graphic	Wave / Numeric
Trend	Max 120 hrs Table Trend

Vital Sign Functions (Setting / performance)

► SpO ₂	
Range	0 ~ 100 %
Accuracy	±2 %p 100 ~ 70 %, ±3 %p 69 ~ 51 % / Unspecified : 50 ~ 0 %
Pulse Rate	Range : 0, 30 ~ 250 BPM ±2 BPM
Patient Type	Adult / Neonate
Sensitivity	Normal / Maximum
Gain	x1 / x2 / x3
Perfusion Index	0.05 ~ 20 %
Color Tone beep	The color of Beep sound is changed according SpO ₂ range.
► FiO ₂	
Sensor	Galvanic sensor
Measurement range	10 ~ 100 %
Function	Enabled, Disabled(for O ₂ Sensor)
Calibration	O ₂ Sensor Calibration

Alarm

► PR	
Pulse Rate High / Low	OFF / 30 ~ 300 BPM, OFF / 20 ~ 290 BPM
► SpO ₂	
SpO ₂ High / Low	OFF / 53 ~ 100 %, OFF / 51 ~ 98 %
System Alarm / Messages	Check Probe, Standby, Searching
► FiO ₂	
FiO ₂ High / Low	OFF / 20 ~ 100 %, 10 ~ 90 % / OFF

Set Up

Sound Adjust	OFF / 1 ~ 3 level
LCD Back light	1 ~ 5 level
Screen Select	Main / Numeric

Keys, Indicator

Hot Keys	Alarm pause 2 min
Indicator	Alarm LED

Electrical

Power Source	100-240 VAC, 50-60 Hz
Power Consumption	Max 11 W
Battery	Li-ion Battery 7.2 VDC, 2200 mAh
	Operation Time : Max 4 hrs

Communication / Output

RS232	COM1 : 19200 bps
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Physical

Weight	1.4 kg without Printer
Dimensions	W263 x H90 x D168 mm

Environmental

Transport/Storage	Temperature	-20 ~ 70 °C
	Relative humidity	0 ~ 95 %, non-condensing
Operating	Temperature	10 ~ 40 °C
	Relative humidity	10 ~ 90 %, non-condensing
	A. Pressure	700 ~ 1060 hPa (~ 2000 m)

Language

English