

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

SpO<sub>2</sub> plethysmographic waveform, Pulse rate

High performance in low perfusion & artifact

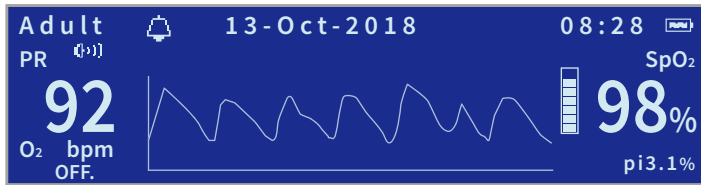
Perfusion Index Display



# Product Overview

MP570T is compact and unique SpO<sub>2</sub> / FiO<sub>2</sub> 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 FiO<sub>2</sub> and SpO<sub>2</sub> with perfusion index, Long Battery operating time (4hrs) and 120hrs trend.



Trend display

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

Main display

| MENU               | MODE          | Neonate                |
|--------------------|---------------|------------------------|
| ALARM              | - SENSITIVITY | Maximum                |
| - SpO <sub>2</sub> | WAVE          | x2                     |
| O <sub>2</sub>     | Return        |                        |
| SETUP              |               | SpO <sub>2</sub> v3.54 |
| TREND              |               |                        |

Sensitivity setting

| MENU               | FUNCTION Disabled |
|--------------------|-------------------|
| ALARM              | CALIBRATION       |
| - SpO <sub>2</sub> | Return            |
| O <sub>2</sub>     |                   |
| SETUP              |                   |
| TREND              |                   |

O<sub>2</sub> monitoring function (Optional)

## Specifications

### Features

|                           |  |
|---------------------------|--|
| Display Monitor Functions | Mono LCD with Encoder, 1 Wave SpO <sub>2</sub> , FiO <sub>2</sub> monitoring SpO <sub>2</sub> , PR, PI, FiO <sub>2</sub> , 120 hrs Trend |
| Optional                  | FiO <sub>2</sub> Sensor cable, FiO <sub>2</sub> 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 <sub>2</sub> |  |
| 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 <sub>2</sub> range. |
| ▶ FiO <sub>2</sub> |  |
| Sensor             | Galvanic sensor  |
| Measurement range  | 10 ~ 100 %   |
| Function           | Enabled, Disabled(for O <sub>2</sub> Sensor)                         |
| Calibration        | O <sub>2</sub> Sensor Calibration                                    |

### Alarm

|                             |  |
|-----------------------------|--|
| ▶ PR                        |  |
| Pulse Rate High / Low       | OFF / 30 ~ 300 BPM, OFF / 20 ~ 290 BPM |
| ▶ SpO <sub>2</sub>          |  |
| SpO <sub>2</sub> High / Low | OFF / 53 ~ 100 %, OFF / 51 ~ 98 %      |
| System Alarm / Messages     | Check Probe, Standby, Searching        |
| ▶ FiO <sub>2</sub>          |  |
| FiO <sub>2</sub> 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<br>Operation Time : Max 4 hrs |

### Communication / Output

|       |                  |
|-------|------------------|
| RS232 | COM1 : 19200 bps |
|-------|------------------|

### 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 |
|---------|



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