

# Hand held Pulse Oximeter

## MP111

Enhanced High SpO2 Accurate

72hr Data Memory Trend

5 sec Fast Set-up time

Longer Battery Operating with Ni-MH Battery pack

Optional PC Program for Trend View

Apply for Adult to Neonate

Upgraded Probe Locking Design

RS-232 UART Communication

Visual Alarm Lamp



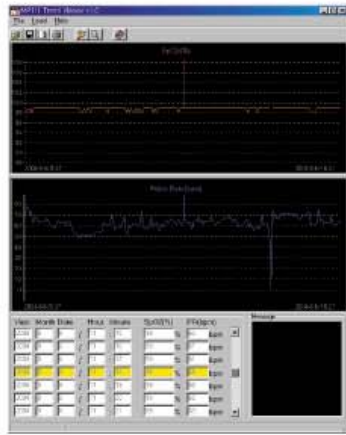
### GENERAL DESCRIPTION

*MEKICS introduces the latest Pulse Oximeter, designed in response to the needs of various medical location and Applications. MP111 is combining advanced SpO2 technology with compact and flexible design including special handy holder sets. It configured pulse oximeter provide a fast SpO2 performs accurately even in case of moving artifact and low perfusion.*

MP111



Day/Hr:Min	SpO2	PR
15/09:40	97	75
15/09:39	96	201
15/09:38	--	--
15/09:37	--	--
15/09:36	--	--
15/09:35	--	--
15/09:34	--	--
15/09:33	--	--
15/09:32	--	--
15/09:31	--	--
15/09:30	--	--
15/09:29	--	--
15/09:28	--	--
15/09:27	--	--
15/09:26	--	--
15/09:25	--	--
15/09:24	--	--
15/09:23	--	--
15/09:22	--	--
15/09:21	--	--
15/09:20	--	--
15/09:19	--	--
15/09:18	--	--
15/09:17	--	--
15/09:16	--	--
15/09:15	--	--
15/09:14	--	--
15/09:13	--	--
15/09:12	--	--
15/09:11	--	--
15/09:10	--	--
15/09:09	--	--
15/09:08	--	--
15/09:07	--	--
15/09:06	--	--
15/09:05	--	--
15/09:04	--	--
15/09:03	--	--
15/09:02	--	--
15/09:01	--	--
15/09:00	--	--



# SPECIFICATIONS

**Display**  
Display 128 X 64 mono LCD

**Display information**  
Oxygen saturation rate, pulse rate, SpO2 wave, battery, sound on/off, alarm on/off, alarm countdown, pulse mark(heart), error message, menu display and 72 hours trend display.

**SpO2 Percentage Oxygen Saturation**

Range of Display	0 ~ 100%
Resolution	1%
Accuracy	Adult +/- 2%, for readings 70 ~ 100% +/- 3%, for readings 50 ~ 69% Neonate +/- 3%, for readings 70 ~ 100% Unspecified 0 ~ 49%
Setting time	Wave out time : 1.5 sec. max.
SpO2 percentage display	5sec. max. at 80 bpm 4sec. max. at 120 bpm

**Pulse Rate**

Range of display	30 ~ 250 bpm
Resolution	1 bpm
Accuracy	+/- 2bpm

**Trend**  
72 hours PR, SpO2 trend display with measured time  
Trend data saving period : 1 min.  
PC program for trend view available

**Alarm**

High Saturation	52 ~ 100% 2% step (default Off)
Low Saturation	51 ~ 99% 2% step (default 81%)
High rate	35 ~ 250 bpm 5 bpm step (default 120 bpm)
Low rate	30 ~ 245 bpm 5 bpm step (default 50 bpm)
Alarm silence	30 sec.
Alarm On/Off selection	

**Sensor**  
MEK SpO2 sensor or Criticare SpO2 sensor

**Output**  
RS-232C baud rate 19200bps standard

**Power**  
AC 220 +/- 10%, 50/60 Hz  
12V 1A (AC-DC Adapter)

**Power consumption**  
9.0W max. (AC-DC Adapter input)

**Charging**  
DC 7.5V 500mA max.

**Battery**  
Operating time 6V 1.6Ah NI-MH  
8 hours (Normal Operation)  
5 hours (LCD backlight ON at level 5)  
Full charge time 10 hours

**Dimensions**  
W 103 x H 180 x D 39 (mm)

**Weight**  
400 g max.

**Environmental**

Operating temperature	10~40°C (50~104°F)
Storage temperature	-20~70°C (-4~158°F)
Relative humidity	10~95% (storage) 30~75% (operating)



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