

## Palm size pulse Oximeters

### Key Features

- Light weight, Compact and Portable design fits easily into lab coat pocket
- Bright LED displays indicate oxygen saturation and pulse rate from any angle and in most lighting conditions
- Unique averaging sequencing technique updates values and provides faster response times
- Continuous battery condition indicator
- Available in two battery versions: Rechargeable Lithium Ion or Six AAA
- 2 Bar-graph displays for Pulse Amplitude and Perfusion Quality indication



Model 30

Model 34

### Specifications

#### Pulse Oximetry and Heart Rate

**Display** Two 3 Digit, 7-Segment LED for %SpO<sub>2</sub> & Pulse Rate  
Two 10-Segment LED Bar graph for Pulse Amplitude (PA) and Perfusion Quality (PQ) indication

**Resolution**  
(%SpO<sub>2</sub>) 1%  
(Pulse) 1 BPM

**Range**  
(%SpO<sub>2</sub>) 0-100%  
(Pulse) 25-250 BPM

**Reading Accuracy**  
(%SpO<sub>2</sub>) 100-70%, ± 2%  
Less than 70%, Unspecified  
(Pulse) 25-250 BPM, ± 2 BPM or 2% whichever is greater

#### Alarms (Model 34/34B)

High SpO<sub>2</sub> 82-100%  
Low SpO<sub>2</sub> 85-98%  
High Pulse 26-250 BPM  
Low Pulse 24-248 BPM

#### Sensors

Mediaid Pulse Oximetry sensors with Compushield® Connector

#### Size & Weight

**Size** 5.5 in x 3 in x 1.1 in (L x W x H)  
14 cm x 7.6 cm x 2.7 cm (L x W x H)  
**Weight (Model 30/34)** 200 gm, 7.05 oz (with Battery installed)  
**Weight (Model 30B/34B)** 225 gm, 7.94 oz (with Battery installed)

#### Electrical Ratings (Model 30/34)

**Charging Voltage** 9 V DC 750 mA  
**Battery Type** Rechargeable Lithium Ion  
**Battery Run Time**  
Model 30 18 Hours  
Model 34 21 Hours (in Sleep mode operation)  
at low speaker volume)

#### Model 30B/34B

**Battery Type** 6 nos. of "AAA" size Alkaline Batteries  
**Battery Run Time**  
Model 30B 17 Hours  
Model 34B 22 Hours (in Sleep mode operation)  
at low speaker volume

#### Environmental conditions

(Acceptable conditions for operating, storage and transport)

**Atmospheric Pressure** 770 to 282 mmHg  
1026 to 377 hPa  
**Humidity** 5 to 95% (non condensing)  
**Operating Temp** 0 to 40°C  
**Storage / Transport Temp** -30 to 65°C

### Model 30 and 30B

- Pulse Oximeter with bar-graphs ideal for Spot Checking
- Available in two battery versions: Lithium Ion Battery M30 - 18 hours & "AAA" Alkaline Batteries M30B - 17 hours

### Model 34 and 34B

- Pulse Oximeter with Alarms, Bar-graphs, Memory and output to printer or PC via infrared or USB port
- Available in two battery versions: Lithium Ion Battery M34 - 21 hours (Sleep mode) & "AAA" Alkaline Batteries M34B - 22 hours.
- Audio and visual alarms for saturation and pulse rate.
- Audible pulse tone varies pitch with rise and fall of saturation.
- Three Modes of data storage: Auto, Intermittent and Sleep.  
**Auto:** Data recorded every minute for 136 hours.  
**Intermittent:** Data recorded for up to 20 different patients. 7200 data points.  
**Sleep:** Data is stored every 5 seconds up to 18 hours.
- Able to output data to PC or printer via Infrared port or USB port
- On screen display of stored data showing time and date.

### Accessories



Rubber Boot  
Available in  
Blue and Yellow



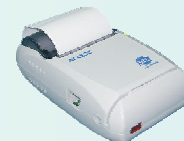
IV Pole Clamp



Carrying case



Oxy 34 Software



IR Printer  
(Model 34/34B)

17517 Fabrica Way, Suite H,  
Cerritos, CA 90703, USA  
(Tel) 714-367-2848 (Fax) 714-367-2852

[www.mediaidinc.com](http://www.mediaidinc.com) [info@mediaidinc.com](mailto:info@mediaidinc.com)

**MEDIAID**

# PRINTER OPTION FOR MODEL 34, 34B



## Key Features

- High speed printing of patient report
- Infrared communication with Model 34
- Low power consumption
- Internal Battery
- Single Charge battery life up to 2000 reports of 5cm each
- Audio & Visual Indication of power ON, charging completion & busy indication
- Operation controlled with single button switch
- Platen open Detection
- Paper out Detection

## OXY 34 SOFTWARE

### Oxy34/34B

The Oxy34 Pulse Oximetry Display Software receives data from the Model 34/34B and displays data on any standard computer system for further analysis.

**The Oxy 34 package allows the user to:**

- Review, print and save data
- Import multi / single patient data.
- Input additional information such as patient's & physician's names and study observations or notes.

## Specifications

### Print Data

<b>Print Method</b>	Line Thermal Dot Printing
<b>Resolution</b>	0.125 mm dots (8 dots/mm)
<b>Effective Printing Area:</b>	48 mm
<b>Paper Feeding Pitch</b>	0.125 mm
<b>Printing Speed</b>	18 lines per second (24 and also 42 characters in 1 line)
<b>Interface Conformity</b>	IR @ 9600 bps

### Thermal Paper

<b>Paper Thickness</b>	60-72 um
<b>Paper Width</b>	57.5 mm
<b>Recommended Paper</b>	TF60KS-E Nippon Paper PDI50R Oji Paper

### Size & Weight

<b>Size</b>	5.1 in x 3.2 in x 1.6 in (L x W x H) 13 cm x 8.1 cm x 4 cm (L x W x H)
<b>Weight</b>	240 gm, 8.46oz (without paper roll)

### Electrical Ratings

<b>Charging Voltage</b>	Single + 9V supply
<b>Consumption</b>	Less than 1mA in standby mode and few uA in deep sleep mode

### Environmental Conditions

<b>Operating Temp</b>	0 to 50 °C
<b>Relative Humidity</b>	5 to 90% (non condensing)



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