



Model 30

Model 34

Specifications

Pulse Oximetry and Heart Rate

Display Two 3 Digit, 7-Segment LED for %SpO₂ & Pulse Rate
Two 10-Segment LED Bar graph for Pulse Amplitude (PA) and Perfusion Quality (PQ) indication

Resolution
(%SpO₂) 1%
(Pulse) 1 BPM

Range
(%SpO₂) 0-100%
(Pulse) 25-250 BPM

Reading Accuracy
(%SpO₂) 100-70%, ± 2%
Less than 70%, Unspecified
(Pulse) 25-250 BPM, ± 2 BPM or 2% whichever is greater

Alarms (Model 34/34B)

| | |
|-----------------------|------------|
| High SpO ₂ | 82-100% |
| Low SpO ₂ | 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

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 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



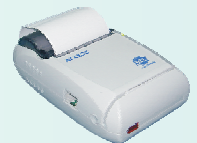
IV Pole Clamp



Carrying case



Oxy 34 Software



IR Printer
(Model 34/34B)



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

Specifications

| | |
|---------------------------------|---|
| Print Data | |
| Print Method | Line Thermal Dot Printing |
| Resolution | 0.125 mm dots (8 dots/mm) |
| Effective Printing Area: | |
| Area: | 48 mm |
| Paper Feeding Pitch | 0.125 mm |
| Printing Speed | 18 lines per second (24 and also 42 characters in 1 line) |
| Interface Conformity | |
| | IR @ 9600 bps |
| Thermal Paper | |
| Paper Thickness | 60-72 um |
| Paper Width | 57.5 mm |
| Recommended Paper | TF60KS-E Nippon Paper PD150R Oji Paper |
| Size & Weight | |
| Size | 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) |
| Weight | 240 gm, 8.46oz (without paper roll) |
| Electrical Ratings | |
| Charging Voltage | Single + 9V supply |
| Consumption | Less than 1mA in standby mode and few uA in deep sleep mode |
| Environmental Conditions | |
| Operating Temp | 0 to 50 °C |
| Relative Humidity | 5 to 90% (non condensing) |

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.



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