

# NPB-40

## Handheld Pulse Oximeter



*The NPB-40 unit fits in your pocket...and in your budget.*

- Simple and small—easily slides into a pocket.
- Compatible with the complete line of Nellcor adhesive and reusable sensors.
- Easy-to-see display, night or day.
- Printing capabilities via optional Hewlett-Packard printer.
- Uses convenient AA-sized batteries.

*Now you can afford the quality you need.*

When you're looking for a handheld oximeter that's affordable and compact, you don't want to give up quality. Now you won't have to. The NPB-40 Handheld Pulse Oximeter gives you Nellcor® oximetry technology in a durable unit you can rely on patient after patient. Ideal for your office, clinic or surgical suite, the NPB-40 unit is ready to use in an instant.

Its ergonomic shape and small size make it easy to handle with confidence. The NPB-40 pulse oximeter is a smart solution for quick assessment of oxygenation.

# NPB-40

## Handheld Pulse Oximeter




*Push-Button Simplicity*

### Take Nellcor Oximetry Technology Into Your Hands


*You can be confident in the SpO<sub>2</sub> measurements you take with the NPB-40 pulse oximeter. As the world's leading producer of pulse oximetry products, Nellcor Oximetry knows that a handheld oximeter has to be durable enough to deliver accurate results no matter where it's used. The pocket-sized NPB-40 monitor lives up to our durability standards to meet your expectations for quality and performance.*

When you're moving fast, you want a pulse oximeter that won't slow you down with complicated features. We made the NPB-40 Handheld Pulse Oximeter simple to use and easy to handle. The convenient keypad gives you quick access to all functions.


#### SHIFT KEY

 Allows function keys to serve a dual purpose.


#### STORE EVENT/PRINT KEY

 Captures patient data and prints it via a cable-free infrared link.

#### DISPLAY LIGHT/SOUND KEY

 Activates the backlight and lets you deactivate the pulse beep tone or adjust the volume.

#### POWER ON/OFF KEY

 Starts monitoring immediately—no menus or extra steps are required to begin operation.

## SPECIFICATIONS

### DESCRIPTION

The NPB-40 handheld pulse oximeter is intended for noninvasive spot-check measurement of functional oxygen saturation of arterial hemoglobin (SpO<sub>2</sub>). It can be used with adult, pediatric, and neonatal patients and is compatible with the complete line of Nellcor sensors. The monitor comes with four AA-size alkaline batteries and one *Durasensor*<sup>®</sup> Finger Clip Sensor.

### OPTIONAL ACCESSORIES

Protective boot, moisture-resistant jacket, carrying case, Hewlett-Packard printer model HP82240B.

### DISPLAY

Oxygen saturation, pulse rate, vertical bar graph pulse amplitude indicator, pulse search indicator, low battery indicator

### DISPLAY RANGE

SpO<sub>2</sub>: 0% – 100%  
Pulse rate: 20 – 250 bpm

### ACCURACY (% SPO<sub>2</sub> ±1 SD)

Adults: 70% – 100% ±2 digits  
0% – 69% Unspecified  
Neonates: 70% – 100% ±3 digits

### PULSE RATE ACCURACY

20 – 250 bpm ±3 bpm (±1 SD)

### POWER REQUIREMENTS

6 V supplied by four AA-size alkaline batteries

### BATTERY LIFE

19 hours typical, depending on battery type

### DIMENSIONS

3.0 in x 6.2 in x 1.5 in (7.5 cm x 15.8 cm x 3.8 cm)

### WEIGHT (WITH BATTERIES)

11 oz (0.3 kg)

### ENVIRONMENTAL

Temperature:

Storage/shipping -40°F to 158°F  
(-40°C to 70°C)  
Operating 32°F to 131°F  
(0°C to 55°C)

Altitude: -1,280 ft to 12,000 ft  
(-390 m to 3,658 m)

Relative humidity: 15% to 95% noncondensing

### STANDARDS

EN60601-1-2 (CISPR 11, Class B)  
EN60601-1 (IEC 601-1)  
(Class: Internally Powered, Type BF)  
CS114, RS101, RE101 per MIL-STD-461D  
UL 2601-1 and CAN/CSA 601.1  
(Class: Internally Powered, Type BF)  
CAN/CSA NRTL/C