

### Summary of Features and Benefits

- Suitable for adult, pediatric, and neonatal patients
- Performs SpO<sub>2</sub> and pulse rate measurement in either spot-check or continuous mode
- Miniature design offers an impressive .7 lb device, making it a pleasure to use on the go
- 2.4" color LCD prominently displays SpO<sub>2</sub> and pulse rate readings
- Variable screen brightness allows you to alter the intensity of the LCD to your liking and conserve battery power
- Adjustable 3-level visual and audible alarms. Plus user chooses whether to show SpO<sub>2</sub> and pulse rate alarm limits on the LCD.
- In continuous mode, memory supports storage of 96 hours of trended data for a single patient
- In spot-check mode, memory supports storage of 4,000 sets of data for a maximum of 99 patient IDs
- Export real-time patient data to a PC using infrared technology
- Choose from either lithium ion or AA alkaline batteries depending on your run time needs
- Automatic standby mode and selectable auto-shutdown mode assist in preserving battery power



Spot-check or continuous pulse oximetry.  
The choice is yours.

DPM2 is a miniature, lightweight device built to accommodate both spot-check and continuous monitoring of SpO<sub>2</sub> and pulse rate. You determine the capabilities and performance, depending on the operational mode you choose. For simple vital signs checks, spot-check mode offers basic functions including auto-assign of patient IDs, alarm suppression state and auto-standby and power-off features. For longer-term monitoring, continuous mode offers manual entry of unique patient IDs, alarm management and pleth waveform display. If your pulse oximetry monitoring needs vary from day to day, or perhaps hour to hour, DPM2 is well-suited to be your device of choice.



### Display

Type:	2.4" color TFT
Resolution:	320 x 240 pixels
Modes:	Standard, waveform
Waveforms:	Plethysmograph (waveform mode only)
Parameters:	SpO <sub>2</sub> , Pulse Rate
Indicators	Pulse strength Patient ID Patient size Data export status Battery status Real-time clock Technical alarms Physiological alarms Alarm limits

### Operating Modes

Operating Modes:	Spot-check, continuous
------------------	------------------------

### Pulse Oximetry

Measurement Range:	0-100%
Resolution:	1%
Accuracy:	±2% (70-100%, Adult/Pediatric) ±3% (70-100%, Neonate) 0-69% unspecified

### Pulse Rate

Measurement Range:	18-300bpm
Resolution:	1bpm
Accuracy:	±3bpm

### Trends

Spot-check Mode	
Memory:	Auto-assign of patient IDs from 1 to 99. Data stored every 30 seconds. 4,000 data sets stored for 99 patients.
Continuous Mode	
Memory:	Manual assignment of patient IDs from 1 to 99. Data stored every 2 seconds. 96 hours of data stored for 1 patient. Five data sets viewable in list trend window at a time. Data set includes measurement time, SpO <sub>2</sub> , and pulse rate.
List Trends:	Five data sets viewable in list trend window at a time. Data set includes measurement time, SpO <sub>2</sub> , and pulse rate.

### Battery

Type:	3 AA alkaline batteries, 3 AA rechargeable batteries, or 1 rechargeable lithium ion battery
Run Time:	36 hours in continuous mode (AA alkaline or AA rechargeable batteries) 24 hours in continuous mode (lithium ion battery)
Recharge Time:	2 hours (lithium ion battery) using optional external battery charger

### Interfacing

Connectors:	1 dual-purpose port for connecting SpO <sub>2</sub> sensor and communication cable 1 infrared link for transfer of real-time patient data to a PC
-------------	--

### Physical Dimensions

Monitor Size:	124mm (H) 56mm (W) x 30mm (D) 4.9" (H) x 2.2" (W) x 1.2" (D)
Monitor Weight:	.3kg (.66lbs.) including battery

### Environmental

Operating Temperature:	0°C to 40°C
Storage Temperature:	-20°C to 60°C
Operating Humidity:	15% to 95%, non-condensing
Storage Humidity:	10% to 95%, non-condensing

### Power Requirements

Input Voltage:	5VDC
Power:	1.2A

### Safety

Type of Protection:	Class II with internal electric power supply
Degree of Protection:	BF (defibrillation proof)
Protection Against Ingress of Fluids:	IPX2

Mindray DS USA, Inc.  
800 MacArthur Blvd., Mahwah, NJ 07430  
Tel: 1.800.288.2121 Tel: 201.995.8000 Fax: 1.800.926.4275

[www.mindray.com](http://www.mindray.com)

**mindray™**  
NORTH AMERICA