

# V450

## DESKTOP PULSE OXIMETER

The DARAY **VitalSignZ™** V450 Desktop Pulse Oximeter measures oxygen saturation and pulse rate via the patient's finger

Simple to use and comfortable, the V450 has a clear, wide-angle LCD screen detailing real-time pulse rate graphical display and SpO2 levels.

- Compact, small, ideal for carrying and handling
- Suitable for adult, paediatric and neonatal patients
- LED display of measurement and LCD display of PLETH
- Audio and visual alarms
- Storage and review of patients data - up to 36 hours
- Transfer data to PC for analysis, saving or printing
- AC power, built-in rechargeable and AA battery option
- TEMP option available



0800 804 8384

## SPECIFICATIONS

### Oxygen Saturation (SpO<sub>2</sub>)

Measurement range	35%-100%
Accuracy	±2%(70%-100%), 0%-69% unspecified
Resolution	1%

### Pulse Rate

Measurement range	30bpm-250bpm
Accuracy	±2 bpm
Resolution	1 bpm

### Temp (optional)

Channels:	1
Input	Body surface thermal-sensitive resistor temperature sensor
Measurement range	0°C - 50°C
Accuracy	±0.2°C
Resolution	0.1°C

### Alarm

Mode	The parameter's measurement flashes on the screen, the alarm sounds and the LED flashes on the monitor.
Setup	User-adjustable high and low limits

### Storage and Review

36 hours SpO<sub>2</sub>/PR/TEMP  
(optional trend data with corresponding date and time)

### Display Mode

Display	128 x 64 dot matrix monochrome LCD and bicolour LED
Backlight colour	White
LED	Bicolour LED (red/green) and monochrome LED

### ABOUT DARAY

DARAY have been established in the medical, dental and veterinary markets since 1968 building exceptional and durable products.

We shall continue to innovate; aiming to excel in our endeavours to deliver reliable solutions.



## POWER REQUIREMENTS

### AC Power Adapter

Input	AC 100-240V, 50/60Hz. 0.7A
Output	DC 5V, 3A

### Internal Battery

Type	1.5Ahr/8.4V Li rechargeable battery
Operating time	15-hour continuous operation with a new, fully charged battery (ambient temperature is 25°C)
Recharge time	5 hours

### AA Battery

Type	5 x 1.5V AA normal or rechargeable battery
Operating time	>5-hour continuous operation with a new battery (ambient temperature is 25°C)

## DIMENSIONS AND WEIGHT

Net weight	420g
Dimensions	160mm x 148mm x 85mm

## PRODUCTS AVAILABLE

V450	Desktop pulse oximeter
V450T	Desktop pulse oximeter with temperature



V450T

**DARAY**<sup>®</sup>  
HEALTHCARE PRODUCTS