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**MEDACX**  
Technology you can trust



PULSE OXIMETRY

## Handheld/Bedside Pulse Oximeter

MySign® S truly portable and versatile handheld/bedside pulse oximeter  
Unique artifact sensor signal leveling technology ensures stable measurement  
For spot checks, short and long term continuous monitoring and patient transportation

### Accurate & Reliable

SpO2: +/-2% [70 to 100%]  
Pulse frequency: +/- 3 BPM

### SpO2 - Pulse - Perfusion [PI]

SpO2 1% - 100% Pulse 0 - 300BPM  
Perfusion Index 0.1 to 20

### Patient use

Adults, Paediatric



### Acoustic & Visual Signals

Pulse frequency, battery status  
SpO2 saturation signal status

### Optimised Battery Life

18 hours operational use upto  
24 hours in economy power mode

### SpO2 Sensor Options

SoftTip [Adult], SoftTip [Paediatric]  
FingerClip, EarClip, Disposable

### Measurement Displays

% Spo2, Pulse frequency BPM  
Plethysmogram, Perfusion Index

### Trend Information

Short term and Long term upto  
max 96 hours

### Patient ID & Data Transfer

Patient ID, name, ward entry  
USB Interface

**MySign® S**



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## Technical data: MySign S

Measurement ranges: SpO2 1% to 100% Pulse Frequency 0 to 300 BPM, Perfusion Index [PI] 0.1 to 20

Accuracy: Oxygen Saturation +/- 2% (70-100%) Pulse Frequency +/- 3 BPM (30-250 BPM without motion artifacts)

Display: 2.8 inch TFT multicolour with Plethysmogram, trend, and digital device auto-orientated displays

Signal: Acoustic & Visual signals: signal quality, pulse frequency, sensor status, device status, battery status,

Battery: Li-ion 3.3 V 2900 mAh

Battery Life: Operating time per charge: 18 hours (at standard settings), 24 hours with auto off function selected

Battery Charger: Mini USB type B, Protection Class II,  
Input: AC 110V - 230V / 50-60 Hz / 125 mA, Output: DC 5V / min. 1A / < 15 W

Battery Charge/Use: Charge time 4 hours (from empty), Use whilst charging: Full functionality maintained

Device Interface: USB 2.0 Mini USB Type B connector

Protection class: Electrical Safety Class II type BF, IP54 impact resistance to IK05, MDD class IIb

Applicable Standards: MDD 93/42/EEC for medical devices, EN ISO 80601-2-61, ISO 9919:2005, ISO EN 1789, CE mark 0123

SpO2 Sensors: FingerClip sensor supplied as standard: optional sensors; SoftTip, Wrap; EarClip, Disposable & Paediatric

Operating conditions: Temperature -0 °C to +40 °C // Humidity 15 to 95 % RH // Pressure 700 to 1060 hPa

Storage conditions: Temperature -25 °C to +70 °C

Alarm functions: Monitoring of alarm limits and device functions (optical and acoustic)

Adjustable Alarm Limits: SpO2 : Upper 51% - 100% // Lower 50% - 99% // Pulse: Upper 31-250 BPM // Lower 30-249 BPM

Alarm volume: 55 - 75 dB (A)

Variable Pulse tone: Tone pitch variable depending on measured SpO2 value

Data Storage: Max 96 hours at a trend storage of 10 seconds

Trends: Storage interval adjustable from 5 seconds to 60 seconds

Patient Data: Name, ward, patient ID, patient data can be viewed and stored for future recall

Dimensions & weight 160 x 72 x 39 mm - 320 grams with sensor

Warranty MySign S device [ 24 months]

Order Codes 1002060C MySign S with 1002028 FingerClip and Power supply

SpO2 Sensor Options: 1002015 SoftTip Adult L; 1002017 SoftTip Adult M; 1002019 SoftTip Adult S; 1002020 SoftTip Paediatric, 1002031 EarClip, 1002053 Disposable Paediatric, 1002049 Disposable Adult, 1001815 Data cable 1001829 Power supply unit, 1001734 Re-chargeable battery, 1001801 Pole Clamp, 1001764 Stand

Content & specifications subject to change



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