

# sat 801+

## Pulse Oximeter



### Technical Specifications sat 801+

Dimensions:	128 x 85 x 46 mm
Weight:	230 g incl. battery
Power Supply:	100 -240 V / 50 - 60 Hz
DC-Input voltage:	5 V
Battery autonomy:	22 hrs
Recharging:	6 hrs 75% - 8 hrs 100 %
Temperature storage:	-25°C – +70°C
Temperature operation:	+5°C – +40°C
SpO <sub>2</sub> -Technology:	Masimo SET®
SpO <sub>2</sub> :	1 - 100 %
Pulse rate:	25 - 240 bpm
SpO <sub>2</sub> Accuracy	
no motion 70 - 100%:	±2 % (adults, infants) , ±3 % (newborns)
with motion 70 - 100%:	±3 % (adults, infants) , ±3 % (newborns)
low perfusion 70 - 100%:	±2 % (adults, infants) , ±3 % (newborns)
Alarms:	SpO <sub>2</sub> high / low
	Pulse rate high / low
	sensor, battery, system status
Memory:	4 MB plus internal microSD (optional)
Interfaces:	USB, external microSD
Regulatory:	IIb, CE 0197

### Standard package contents:

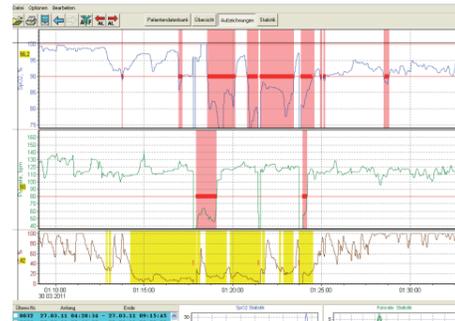
sat 801+	36-8001
Charger	36-5005
Instructions for use	36-8101

### Accessories:

Masimo LNOP- and LNCS-cables and sensors
Table stand
Mounting clamp
microSD card
satview PC software

### Documentation

PC reporting software **satview** for easy and fast analysis and complete monitoring documentation.



Cost-effective solution, easy operation and clear illustration of patient compliance, monitoring periods, alarm events incl. database.

**Bitmos**  
MEDIZINTECHNIK

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## Pulse Oximeter

The new sat 801+.  
Pulse oximetry **plus** more.



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**Bitmos**  
MEDIZINTECHNIK

# sat 801+

## The + makes the difference.



Made in Germany

+ latest Masimo SET technology

+ integrated rubber boots

+ USB interface

+ plethysmogram

+ latest Lilon battery technology

+ mains & battery powered

+ easy-to-operate

+ microSD card



### What is Masimo SET® ?

Masimo SET® represents a fundamentally distinct method of measuring and processing arterial oxygen saturation and pulse rate.

Masimo SET® combines sophisticated signal algorithms with innovative sensor design. More than 100 independent and objective studies demonstrate that Masimo SET® provides the most reliable SpO<sub>2</sub> and pulse rate measurements even under the most challenging clinical conditions, including patient motion and low peripheral perfusion.



Bitmos pulse oximeters combine superior technology with user-orientated features. Bitmos pulse oximeters eliminate false alarms and monitor arterial oxygen saturation accurately during motion and low perfusion.

### sat 801+ = plus more parameters

The sat 801+ comes in different configurations for standard and special pulse oximetry monitoring situations such as Sudden Infant Death Syndrome monitoring and Congenital Heart Defect screening.

### sat 801+ = plus longer battery life

The sat 801+ has an enhanced battery performance for mobile use and autonomy. Independent batteries provide for an increased safety level.

### sat 801+ = plus versatile interfaces

Data transfer has never been so fast and easy: either via USB or by SD card, stored data can be transferred to the computer for analysis.

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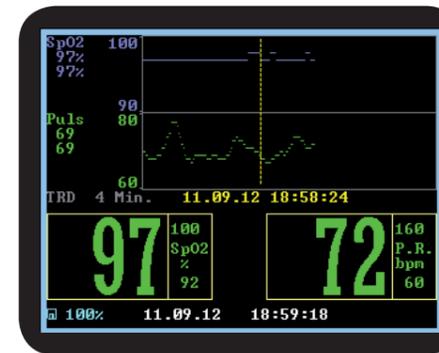
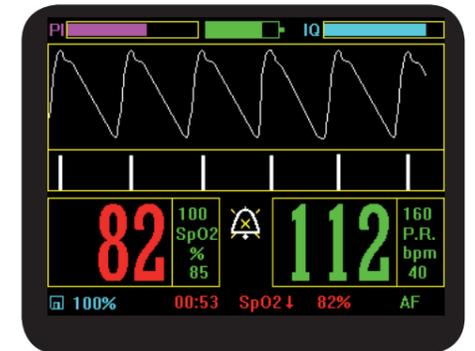
## Because + is more than simple math.

### sat 801+

Even the basic model features pulse oximetry at its best: Masimo SET®.

Plus: the brilliant multi-color TFT display ensures enhanced ergonomics. Latest technology advancements by Masimo in pulse oximetry allow for enhanced battery autonomy.

The full-size high-res plethysmogram is now also standard for our handheld models: no compromise.



### Fully featured

The sat 801+ offers almost all options of a full-sized table-top pulse oximeter.

Intuitive menu operation enables a safe usage by the lay operator in the home care setting as well as quick configuration adjustments by experts in the hospital when time counts. On-screen trend analysis or quick access functions are small but important features.

### Memory

Comprehensive data storage is a the key requirement for substantiated clinical assessment.

The sat 801+ makes use of the widely used SD card standard as storage device. Data capacities of 4 GigaBytes provide an almost unlimited monitoring duration.

The USB interface offers a different choice for computer connectivity.



### Joint features

Bitmos pulse oximeters are based on the proven Masimo SET® technology, known as the Gold Standard for Pulse Oximetry. They are designed to be easy-to-use in clinical routine as well as at home.

Unique data transfer interfaces complete the set of innovative features of the sat 801+. Health, made in Germany.

