

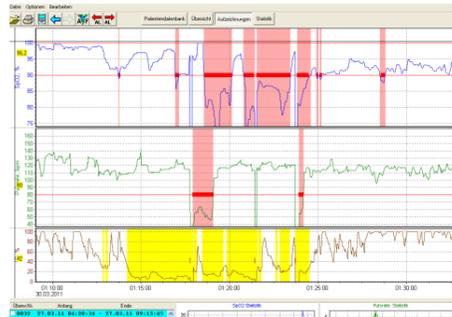
sat 801+

Pulse Oximeter



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.

Technical Specifications

	sat 801+	sat 801+SpO2	sat 801+inf
Dimensions:	128 x 85 x 46 mm		
Weight:	230 g incl. battery		
Mains supply:	100 -230 V / 50 - 60 Hz		
DC supply:	5 V		
Battery autonomy:	22 hours	18 hours	
Recharging:	4 hours 75% - 6 hours 100 %		
Operation:	+5°C – + 40°C		
Storage:	-20°C – + 70°C		
Pulse Oximetry:	+	++	+
Pulse Rate:	+	++	+
Heart Rate:	-	-	+
Respiration:	-	-	+
SpO ₂ technology:	Masimo SET®		
SpO ₂ :	0 - 100 %		
Pulse / Heart Rate:	25 - 240 bpm / 25 - 270 bpm		
Asphyxia:			10 - 30 sec
Alarms:	SpO ₂ high/low	-	SpO ₂ high/low
	PR high/low	-	PR/HR high/low
			Asphyxia

	sensor, battery, system		
Memory:	4 MB plus internal microSD (option)		
Interface:	USB, external microSD		
MDD classification:	IIb, CE 0197		

Standard package contents:

sat 801+	36-8001
sat 801+SpO ₂	36-8002
sat 801+inf	36-8003
Charger	36-5004
Instructions for use	36-8101

Accessories:

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

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sat 801+

Pulse Oximeter

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



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 SpO₂ 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

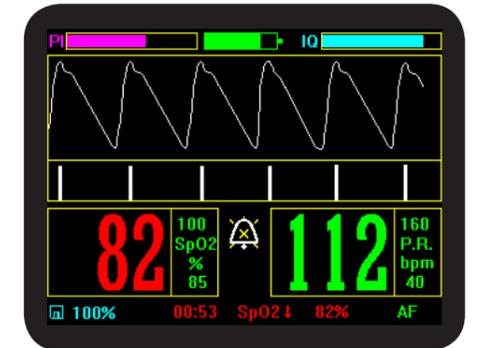
Data transfer has never been so fast and easy: either via USB or by SD card, stored data can be transferred to the computer for analysis.

sat 801+

Because + is more than simple math.

sat 801+

The basic model features pulse oximetry at its best: Masimo SET®. The brilliant multi-color TFT display ensures enhanced ergonomics. Latest advancements by Masimo in pulse oximetry technology allow for enhanced battery autonomy. The full-size plethysmogram in high resolution is now also available for handheld models.



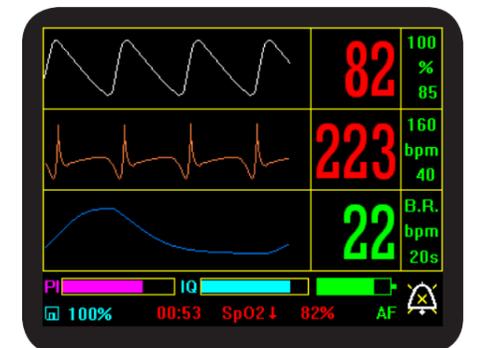
sat 801+ SpO₂

In September 2011, **pulse oximetry** has been added to the U.S. national screening standard for detection of Critical Congenital Heart Defects (CCHD) in newborns.¹ Currently, the sat 801+SpO₂ is the only available model offering dual SpO₂ in one single handheld screening device. Therefore the sat801+SpO₂ eliminates problems related to the usage of different SpO₂ technologies such as accuracy, timing etc.



sat 801+ inf

The sat801+Inf is the choice whenever you want to assess the main vital functions of patients at risk. Pulse rate, respiration and SpO₂ have been merged into this small handheld monitor with full graphical capabilities.



Joint features

All devices are based on the same sophisticated Masimo SET® technology. Bitmos pulse oximeters are designed to be easy-to-use in clinical routine as well as in the home care setting. Unique data transfer interfaces complete the set of innovative features of the sat 801+. Designed and Made in Germany.

¹ <http://www.cdc.gov/ncbddd/pediatricgenetics/CCHDscreening.html>