

Vitalimate MINI



The ideal **portable monitor** for all **healthcare environments.**



COMPACT



HIGH-DEFINITION 3.7"
COLOR DISPLAY



SUITABLE FOR ALL TYPES OF PATIENTS
(ADULT, PEDIATRIC, AND NEONATAL)



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MULTI-PARAMETER MONITOR

VITALIMATE MINI

VITALIMATE MINI est is a multi-parameter monitor designed to meet the needs of healthcare professionals on the move or in a healthcare environment. It measures SpO₂, pulse rate and non-invasive blood pressure (NIBP), depending on its configuration, thus offering a solution adaptable to all clinical uses.

Designed for use in adults, paediatric patients or neonates, the **VITALIMATE MINI** can be easily integrated into any healthcare environment, whether in an office, in a nursing home, at home or in a hospital setting. Its compact and lightweight design (approximately 280g for the SpO₂ version and 320g for the SpO₂ + NIBP version) makes it an ergonomic device, easy to carry around and pleasant to handle on a daily basis.

TWO CONFIGURATIONS EXIST:

- . SpO₂ and Pulse Rate
- . NIBP, SpO₂ and Pulse Rate

1 HIGH-DEFINITION DISPLAY

Equipped with a 3.5" LCD colour display (resolution 480 x 320 pixels), the VITALIMATE MINI can display numbers and a plethysmographic waveform.

2 DOUBLE FUNCTION BASE

By allowing for **simple, fast, and secure charging**, it ensures **up to 12 hours of continuous use** under normal conditions. This stand is not only a charging station, but also a **storage station** that keeps the device **accessible, tidy, and ready for use**. When used via the stand, VITALIMATE MINI can achieve extended battery life of up to 24 hours.



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SPECIFICATIONS

Display	LCD 3,5" 480*320 pixels
SpO₂	
Measurement range	0~100%
Accuracy	70% - 100%: ±2%; 0~69% not specified
Alarm range	The alarm limit configuration limit is 1%, which is identical to the measurement range.
Pulse Rate	
Measurement range	20bpm - 245bpm
Alarm range	The length of the alarm limit configuration is 1 bpm, which is identical to the measurement range.
Refresh rate	Approx. 1 second
Accuracy	±3 bpm
Average	8 seconde
Beat tone	Yes
NIBP	
Method of measurement	Oscillometric
Parameters measured	SYS, DIAS, MAP
Unities	mmHg or kPa
Operating mode	Either manual, automatic, or continuous.
Measurement range SYS	Adult (30mmHg~270mmHg); pediatric (30mmHg~230mmHg)
Measurement range DIAS	Adult (10mmHg~220mmHg); pediatric (10mmHg~165mmHg)
Measurement range MAP	Adult (10mmHg~240mmHg); pediatric (10mmHg~175mmHg)
Accuracy	±5mmHg or ±4%, the higher of the two
Range	The alarm configuration limit is 4mmHg, which is the same as the measurement range.
Alarm delay	<10s
Cuff pressure range	0mmHg ~300mmHg
Cuff Inflation rate	≤50mmHg/s
Error in measuring static pressure	±3mmHg, (beyond the limit of overpressure protection)
Resolution	1mmHg
Battery power	
Type	Lithium ion
Capacity	3,7V/40000mAh
Operating autonomy	12 hours with new battery fully charged, up to 24 hours with the base.
Charging time	Approx. 8 hours
Alimentation	Chargeur USB inclus
Operating conditions	
Temperature	0 ~ 40°C
Humidity	15% ~ 80%, uncondensed moisture
Monitor	
Case	175mm (H) x 85mm (l) x 32mm (P)
Weight	Configuration SpO ₂ : 280g; Configuration NIBP + SpO ₂ : 360g, base : 305gr
Warranty	
Box content	SpO ₂ : 1 moniteur, a charging base, un capteur an adult SpO ₂ clip sensor, a manual NIBP + SpO ₂ : 1 monitor, a charging base, an adult NIBP cuff, an adult SpO ₂ clip sensor, a manual

DESIGNATION	REFERENCE
VITALIMATE MINI Patient Monitor SpO ₂ Spengler	MON001
VITALIMATE MINI Patient Monitor NIBP + SpO ₂ Spengler	MON002

SpO₂ SENSORS

DESIGNATION	REFERENCE
Adulte reusable clip SpO ₂ sensor for VITALIMATE MINI	MONI010
Adulte silicon SpO ₂ sensor for VITALIMATE MINI	MONI010A
Pediatric reusable clip SpO ₂ sensor for VITALIMATE MINI	MONI010B
Pediatric silicon SpO ₂ sensor for VITALIMATE MINI	MONI010C
Neonatal reusable clip SpO ₂ sensor for VITALIMATE MINI	MONI010D
Ear reusable clip SpO ₂ sensor for VITALIMATE MINI	MONI010E

SPENGLER QUALITY

CE Marking

VITALIMATE MINI Spengler monitors are class IIb medical devices. They comply with current European regulations and perfectly meet the general safety and performance requirements

Customer technical support center

SPENGLER MEDICAL provides devices maintenance and repair services.
Contact our customer technical support center on +33 4 42 90 31 31 or click on SAV tab on www.Spengler.fr

Spengler warranty

Spengler 1-year warranty (under normal conditions of use). Wear parts are not covered by the warranty. The warranty does not cover user maintenance defects.