

# Vitalimate MINI



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



COMPACT



HIGH-DEFINITION 3.5"  
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 SpO<sub>2</sub>, 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 SpO<sub>2</sub> version and 320g for the SpO<sub>2</sub> + NIBP version) makes it an ergonomic device, easy to carry around and pleasant to handle on a daily basis.

### TWO CONFIGURATIONS EXIST:

- . SpO<sub>2</sub> and Pulse Rate
- . NIBP, SpO<sub>2</sub> 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
<b>SpO<sub>2</sub></b>	
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.
<b>Pulse Rate</b>	
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
<b>NIBP</b>	
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
<b>Battery power</b>	
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
<b>Operating conditions</b>	
Temperature	0 ~ 40°C
Humidity	15% ~ 80%, uncondensed moisture
<b>Monitor</b>	
Case	175mm (H) x 85mm (l) x 32mm (P)
Weight	Configuration SpO <sub>2</sub> : 280g; Configuration NIBP + SpO <sub>2</sub> : 360g, base : 305gr
<b>Warranty</b>	
Box content	SpO <sub>2</sub> : 1 moniteur, a charging base, an adult SpO <sub>2</sub> clip sensor, a manual and a mains cord. NIBP + SpO <sub>2</sub> : 1 monitor, a charging base, an adult NIBP cuff, an adult SpO <sub>2</sub> clip sensor, a manual and a mains cord.

DESIGNATION	REFERENCE
Vitalimate MINI Patient Monitor SpO <sub>2</sub> Spengler	<b>MON001</b>
Vitalimate MINI Patient Monitor NIBP + SpO <sub>2</sub> Spengler	<b>MON002</b>

### SpO<sub>2</sub> SENSORS

DESIGNATION	REFERENCE
Adulte reusable clip SpO <sub>2</sub> sensor for Vitalimate MINI	<b>MONI010</b>
Adulte silicon SpO <sub>2</sub> sensor for Vitalimate MINI	<b>MONI010A</b>
Pediatric reusable clip SpO <sub>2</sub> sensor for Vitalimate MINI	<b>MONI010B</b>
Pediatric silicon SpO <sub>2</sub> sensor for Vitalimate MINI	<b>MONI010C</b>
Neonatal reusable clip SpO <sub>2</sub> sensor for Vitalimate MINI	<b>MONI010D</b>
Ear reusable clip SpO <sub>2</sub> sensor for Vitalimate MINI	<b>MONI010E</b>

### 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](http://www.Spengler.fr)

#### Spengler warranty

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