

OXY-50 HANDHELD PULSE OXIMETER



CE 0476
FDA K090671

Plethysmogram waveform

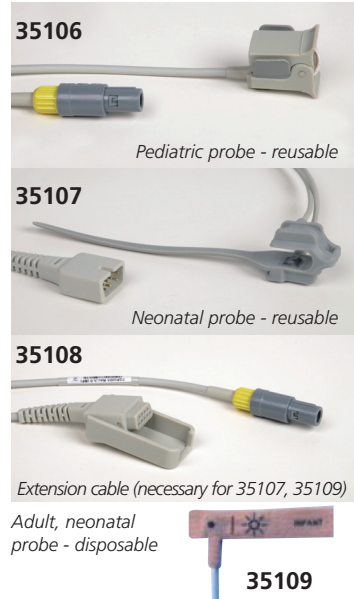
• **35100 OXY-50 PULSE OXIMETER - with software**
Pocket fingertip pulse oximeter with colour display for both routine check and continuous monitoring use.

Main features:

- display: 1.8" colour OLED
- resolution: 160x128
- alarm sound, pulse tone
- power supply: DC3V, <100MA
- record: data can be recorded up to 24 hours
- alarm: adjustable high and low limits
- PC software for transferring real time data

GIMA code	ACCESSORIES OXY-50
35105	Adult probe >15 kg - reusable - spare
35106	Pediatric probe 3-15 kg - reusable
35107	Neonatal probe < 3 kg - reusable
35109	Adult neonatal probe* - disposable - 70 cm cable
35108	Extension cable necessary for 35107, 35109 - 2 m

*Suitable for adult over 40 kg (finger) or neonate less than 3 kg (foot)



Supplied with one adult probe, 2 AA batteries, USB cable, PC software (GB, IT, PL) and user manual (GB, FR, IT, ES)



TECHNICAL SPECIFICATIONS

Display mode (OLED display)

Pulse oxygen saturation (SpO₂): 2 digits
Pulse rate (PR): 3 digits
Pulse intensity: bar-graph

Pulse rate
Measuring range: 25 ~ 250bpm
Resolution: 1 bpm
Accuracy: ±2bpm or ±2%

SpO₂
Measuring range: 0 ~ 100%, (resolution 1%)
Accuracy: 70 ~ 100%: ±2%
Average value: Calculate the average value every 4 measure value
Deviation between average value and true value does not exceed 1%

Average pulse rate: Moving calculate the average pulse rate every 4 cardio-beat's cycle. Deviation between average value and true value does not exceed 1%

Pulse intensity Range: Continuous bar-graph display, the higher display indicates the stronger pulse

Battery: dry battery (2AA)
Oxymeter probe: wavelength: 660 - 880nm
Dimension: 110(L)x60(W)x23(H) mm
Weight: about 180g (with dry battery 2AA)
Safe type: BF Type

OXY-100 HAND-HELD PULSE OXIMETER

• **34342 OXY-100 PULSE OXIMETER**
Compact pulse oximeter for hospital and rescue applications to monitor SpO₂ pulse rate, and perfusion index (PI). SpO₂ can be displayed in numbers with bar-graph of pulse as well as full display of plethysmogram.

Includes adult SpO₂ sensor and extension cable.

Features:

- high accuracy and repeatability
- visual and audible alarm, with adjustable limits
- 384-hours data storage and review (with 1/2/4/8 sec.)

- automatic power-off
Manual: GB, FR, IT, ES, PT.

• **34344 SOFTWARE**

This software allows to download and store all measurements on a PC through USB port.

• **34345 ADULT SpO₂ CLIP PROBE - reusable - spare**

• **34351 ADULT SpO₂ RUBBER PROBE - reusable**

• **34347 PEDIATRIC SpO₂ PROBE - reusable**

• **34348 EXTENSION CABLE - spare for**

34345-34347-34349-34351 - 1 m

• **34349 NEONATAL SpO₂ Y-TYPE PROBE - reusable**

All probes with cable 0.9 m

3 ways switchable display to show: numbers, number and waveform, waveform

Battery status display



High resolution LCD display, backlight to display SpO₂, PR, Pulse Bar, Pi, and Plethysmogram

Output for USB



Portable and lightweight

CE 0476

TECHNICAL SPECIFICATIONS

Oxygen saturation range: 35% to 100%
Pulse rate range: 30 bpm to 240 bpm
Perfusion index (PI) range: 0.2% to 20%
Display: oxygen saturation, pulse rate, pulse strength, low battery indicator, perfusion index
SpO₂ accuracy: not greater than 3% for SpO₂ range from 70% to 100%
Accuracy defined as root-mean-square value of derivation according to ISO 9919
Pulse accuracy: ± 2% of full scale
Range alarm setting: SpO₂ upper limit: 95%
SpO₂ lower limit: 85%
pulse rate upper limit 100 - 240 bpm
pulse rate lower limit 30 - 60 bpm
Power requirements: 3 alkaline AA size batteries 4.5 V
continuous working time >30 hours
Dimensions: 145x74x29 mm - Weight: 210 g
Warranty: 1 year

