OXY-50 HANDHELD PULSE OXIMETER

CE 0476

FDA K090671

Plethysmogram waveform
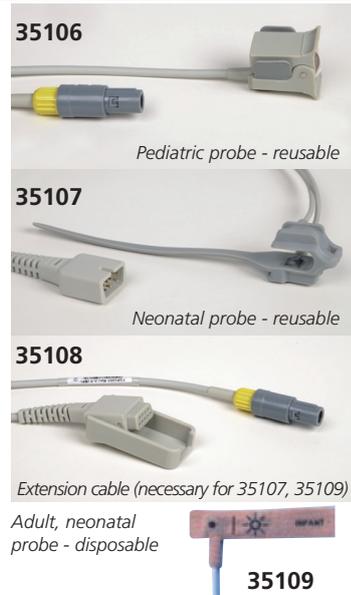
• 35100 OXY-50 PULSE OXIMETER - with software
Pocket fingertip pulse oxymeter with colour display for both routine check and continuous monitoring use.
Main features:
- display: 1.8" colour OLED
- resolution: 160x128
- alarm sound, pulse tone
- power supply: DC3V, <100MA
- record: data can be recorded up to 24 hours
- alarm: adjustable high and low limits
- PC software for transfering real time data

35106
Pediatric probe - reusable

35107
Neonatal probe - reusable

35108
Extension cable (necessary for 35107, 35109)

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

Adult, neonatal probe - disposable

35109

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)

35100

TECHNICAL SPECIFICATIONS

Display mode (OLED display)
Pulse oxygen saturation (SpO$_2$): 2 digits
Pulse rate (PR):		3 digits
Pulse intensity:		bar-graph
Pulse rate
Measuring range:		25 ~ 250bpm
Resolution:		1 bpm
Accuracy:		±2bpm or ±2%
SpO$_2$
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 SpO$_2$ pulse rate, and perfusion index (PI). SpO$_2$ can be displayed in numbers with bar-graph of pulse as well as full display of plethysmogram.
Includes adult SpO$_2$ 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 SpO$_2$ CLIP PROBE - reusable - spare
• 34351 ADULT SpO$_2$ RUBBER PROBE - reusable
• 34347 PEDIATRIC SpO$_2$ PROBE - reusable
• 34348 EXTENSION CABLE - spare for 34345-34347-34349-34351 - 1 m
• 34349 NEONATAL SpO$_2$ 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 SpO$_2$, PR, Pulse Bar, Pi, and Plethysmogram

Output for USB

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
SpO$_2$ accuracy: not greater than 3% for SpO$_2$ 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: SpO$_2$ upper limit: 95%
		SpO$_2$ 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

34342

Portable and lightweight

CE 0476

34345	**34351**	**34347**	**34349**	**34348**
Reusable SpO$_2$ adult probe	*Reusable SpO$_2$ adult rubber probe*	*Reusable pediatric SpO$_2$ probe*	*Reusable neonatal SpO$_2$ Y probe*	*Extension cable for 34345, 34347, 34349, 34351*