

OXY-5 AND OXY-6 PROFESSIONAL OXIMETERS



34282



34285



34285

- 34282 OXY-5 FINGERTIP OXIMETER
 - 34265 OXY-5 PEDIATRIC FINGERTIP OXIMETER
 - 34285 OXY-6 COLOUR FINGERTIP OXIMETER
- To monitor pulse oxygen saturation and pulse rate through patient's finger (10-22 mm finger thickness for 34282,34285 - 8-16 mm finger thickness for 34265) in medical and hospital environments.
- Main features:
- SpO₂ and pulse rate measurement
 - bargraph of pulse rate
 - perfusion index display. P.I. is a numerical value that indicates the blood perfusion condition at the sensor site. It is a relative value that varies from patient to patient and from measuring site
 - high accuracy and repeatability: products are manufactured by GIMA (in P.R.C. facilities) under strong quality controls guaranteed by Italian notified body (CE 0476 CERMET)
 - accuracy from the first reading in few seconds thanks to a unique noise rejection capability feature
 - extra stability against motion during measurement (finger bending, Parkinson's disease, hand movement, button pressing)

- audible and visible alarms
- automatic power on and power off when finger is out
- low voltage alarm display
- 8 language manual (GB, FR, IT, ES, DE GR, PT, Arabic)
- 50 hours working time with full batteries (30 hours for oxy-6)
- supplied in plastic case with batteries and pouch
- 4 direction adjustable display (oxy-6 only)

• 35076 CORDURA BAG with belt loop - blue

TECHNICAL SPECIFICATIONS

	RANGE	ACCURACY	RESOLUTION
Pulse rate:	30-240 bpm	± 2 bpm (2%)	1bpm
SpO ₂ :	35%-99%	± 2% (75-99%) ± 3% (50-75%)	1%
Perfusion:	0-20%	± 0.1% (0,2-2%)	0-1%
Index:		± 0.2% (2-10%)	
Alarm:	SpO ₂ : low limit 90% Pulse rate: low: < 50 bpm - high > 120 bpm		
Power:	1.5V (AAA size) alkaline battery x 2		
Norms:	IEC 60601-1-2 Class II CE 0476		
LCD Display:	oxygen saturation, pulse rate, low battery indicator		
Size - weight:	6.6x3.6x3.3 cm - 60 g including batteries		
Italian manufacturer (made in P.R.C.)			

OXY-3 OXIMETER



35090

- 35090 OXY-3 OXIMETER - blister
- Easy to use pocket device, measures oxygen level and pulse rate.
- Main features:
- simple operation, small & lightweight design, portable
 - display SpO₂, SpO₂ waveform, PR, Pulse bar
 - low power consumption
 - 2 AAA alkaline batteries included
 - low battery indication, auto power off
 - accommodates widest range of finger sizes from pediatric to adult
 - soft silicone padding, strong slip
 - resistant clip, non-invasive, no pricking
 - 4 direction display
 - user manual in GB, IT, ES, FR
 - 35075 SILICONE COVER - light blue
 - 35076 CORDURA BAG with belt loop - blue

35090



35075 + 35090



35076

OXY-4 COLOUR OXIMETER

Size: 66x36x33 mm



35091

35092

- 35091 OXY-4 OXIMETER - blue
 - 35092 OXY-4 OXIMETER - orange
 - 35093 OXY-4 OXIMETER - other colour (minimum 100 pieces)
- Select colour with order
- Fingertip pulse oximeter to monitor pulse oxygen saturation, pulse rate, and perfusion index.
- 1 2 3 4 5 6
- it is light, small in size and easy to take
 - accurately measures SpO₂ value and pulse rate value
 - dual-color display of SpO₂, PR, PI, Plethysmogram and pulse bar
 - measuring range, SpO₂ 35 - 99%, Pulse rate 30 - 240 bpm
 - innovative 4 directions display
 - automatic power On/Off
 - more than 30 hours continuous working with 2AAA alkaline batteries
 - audible and visible alarm function
 - battery voltage indication, low battery voltage alarm
 - prevention against water ingress, drop resistant
 - manual in 8 languages: GB, FR, IT, DE, ES, PT, GR, PL
 - 35076 CORDURA BAG with belt loop - blue

PULSOKSIMETRAS GIMA OXY-3 (ITALIJA)

35090 OXY 3 pulsoksimetras, individualioje pakuotėje

Paprastas naudoti kišeninis įtaisas, matuoja deguonies lygį ir pulsą.

Pagrindinės funkcijos:

- Paprastas valdymas, mažas ir lengvas dizainas, nešiojamas
- rodo SpO₂, SpO₂ bangos formą, PR, pulso juostą
- mažos energijos sąnaudos
- Komplekte 2 AAA šarminės baterijos
- išsikrovęs akumuliatorius, automatiškai išsijungia (6)
- tinka įvairiausiems pirštų dydžiams nuo vaikų iki suaugusiųjų (1)
- minkšta silikoninė apdaila, stiprus korpusas
- patvarus spaustukas, neinvazinis
- 4 krypčių ekranas

Pulsoksimetras – prietaisas, kuris tiksliai išmatuoja pulsą ir arterinio kraujo įsotinimą deguonimi (SpO₂). Žmonėms, turintiems kvėpavimo ir širdies ligų būtina nuolat stebėti deguonies įsotinimo lygį kraujyje. Sveiko žmogaus normalus arterinio kraujo įsotinimo deguonimi (SpO₂) lygis turėtų būti nuo 94 proc. iki 99 proc.

Prietaisą reikia uždėti ant piršto galiuko ir palaikyti Rezultatai pateikiami OLED spalvotame ekrane

Elementų išsikrovimo indikatorius Veikimo principas: dvigubo bangos ilgio šviesos absorbcija

Prietaisas veikia su 2 AAA tipo šarminiais elementais (apie 30 darbo valandų) Matavimo ribos: SpO₂ 35~99%; pulsas 20-250 k/min (bpm) Darbinė aplinkos temperatūra nuo 5 iki 40°C Prietaiso dydis 57mm x 31,5mm x 30,5 mm Komplektuojamas su elementais, dirželiu su segtuku

Techninė specifikacija:

1.Ekrano tipas: OLED

2.SpO₂:

Matavimas: : 35-99%

Tikslumas : ±2% prie 70%-99%;

3.Pulsas:

Matavimas : 30-250 BPM

Tikslumas : ±2 %

Pulso intensyvumas: grafinis indikatorius

4.Maitinimas:

Dvi AAA alkaline baterijos

Energijos naudojimas: mažiau nei 30mA

Išsikrovimo indikatorius: užsidega kai įtampa nukrenta žemiau 2,6V

Baterijos tarnavimo laikas: dvi AAA, 1,5 V, 600mAh šarminės baterijos apie 30 darbo valandų

5.Išmatavimai ir svoris:

Ilgis: 57mm

Plotis: 31,5mm

Aukštis: 30,5mm

Svoris: 50 g

6.Aplinkos temperatūra:

Darbinė temperatūra: 5-40°C

Saugojimo temperatūra: -10-40°C

drėgnumas: 15%-80% darbinis, 10%-80% saugojimo

7.Deklaracija: EMC pagal IEC60601-1-2 standartą.



DETAILED DESCRIPTION OF PRODUCT FUNCTIONS

1. Display Type:
OLED 2.1
2. SpO₂:
Measurement range: 35%-99% 3.1
Accuracy: 70%-99%, ±2%; no definition. 3.2
3. Pulse Rate:
Measure range: 30-250BPM
Accuracy: 30-250BPM, ±2%. 4.1 4.2
Pulse rate display model: bargraph Indicator
4. Power Requirements:
Two AAA alkaline batteries
Power consumption: less than 30mA 10.
Low power indication: the low voltage lamp is lighted when the voltage less than 2,6V (error ±0, 2V)
Battery Life: two AAA 1,5V, 600mAh alkaline batteries could be continuously operated as long as 30 hours. 5.
5. Dimension and weight:
L x W x H: 57mm x 31,5mm x 30,5mm, 50g
6. Environment Requirements:
Operation Temperature: 5-40°C
Storage Temperature: -20-70°C
Ambient Humidity:
Work: 15%-90%
Storage : 15%-93%
7. EMC of this product complies with IEC60601-1-2 standard.
8. Measurement performance in low perfusion condition:
required the test equipment (FLUKE-INDEX 2XL) the pulse wave is available without failure when the simulation pulse wave amplitude is at 0,4%.
9. Interference resistance capacity against ambient light:
Device works normally.
when mixed noise produced by FLUKE-INDEX 2XL.

PRODUCT ACCESSORIES

1. One strap
2. Two batteries
3. One user's manual

MAINTENANCE AND STORAGE

1. Replace the batteries in time when low voltage lamp is lighted.
2. Clean surface of the fingertip oximeter before it is used in diagnosis for patients.
3. Remove the batteries inside the battery cassette if the oximeter will not be operated for a long time.
4. It is best to preserve the product in a place where ambient temperature is -10°C~40°C (14~104°F) and relative humidity is: 15%~80%.
5. It is recommended that the product should be kept in a dry environment anytime. A wet ambient might affect its lifetime and even might damage the product.
6. Please follow the law of the local government to deal with used batteries

CALIBRATING THE PULSE OXIMETER

1. Can not be used to assess the functional test equipment oximeter accuracy.
2. Produced using FLUKE oxygen analog meter, set the standard curve BCI oximeter calibration curve.

Note:

The functional tester cannot be used to assess the accuracy of the oximeter. The test methods used to establish the SpO₂ accuracy is clinical testing. The oximeter used to measure the arterial haemoglobin oxygen saturation levels and these levels are to be compared to the levels determined from arterial blood sampling with a CO-oximeter.

POSSIBLE PROBLEMS AND RESOLUTIONS

Problems	Possible reason	Solutions
SpO ₂ or PR can not be shown normally	Finger is not inserted correctly	Retry by inserting the finger
SpO ₂ or PR is shown	1. Finger might not be inserted deep enough. 2. Finger is trembling or patient's body is in movement status.	1. Retry by inserting the finger 2. Try not to move
The Oximeter can not be powered on	1. Power of batteries might be inadequate or not be there at all 2. Batteries might be installed incorrectly 3. The oximeter might be damaged	1. Please replace batteries 2. Please reinstall the batteries 3. Please contact with local customer service centre
Indication lamps are suddenly off	1. The product is automatically powered off when no signal is detected longer than 5 seconds 2. Power quantity of the batteries is started being inadequate	1. Normal 2. Replace the batteries

SYMBOL DEFINITIONS

	Type BF applied part
	Attention, refer to the manual before using
%SpO ₂	Oxygen saturation
PR _{bpm}	Heart rate (BPM)
	Low power indication
	No SpO ₂ Alarm
SN	Serial No
	Products should not be disposed of with household waste
IP22	Impermeability index
REF	Symbol for Catalogue number

