# MS100 SPO2 SIMULATOR




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| Product Code | 54600 |
| Unit of sale | 1 pc |
| Minimum order | 1 |
| Type | No medical device |
| Class | |

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| UK-REP | Not required |
| CH-REP | Not required |

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| EAN/UPC | 6945040103424 |

## Description

GIMA MS100 SpO2 SIMULATOR

Small and lightweight SpO2 simulator that can perform a series of tests to check the accuracy of pulse oximeters. As different manufacturers may use different R-curve, current popular R
curves (such as BCI, Masimo, Nellcor, etc.) are embedded into the simulator in advance.

- simulation of SpO2 and pulse rate
- SpO2 and pulse rate simulation under 60/50 Hz interference and light interference
- SpO2 and PR simulation under different PI (Perfusion Index)
- SpO2 and pulse rate simulation under different PI with adjustable perfusion index (PI)
- reaction time of SpO2, PR and cardiac arrest can be tested
- built-in 10 compatible R curves (such as BCI, Masimo, Nellcor, etc.), meet the test requirements
- simulation of 24 preset patient states, such as weak pulse, bradycardia, hypoxia, tachycardia, obesity, infant and aged.
- separated design for simulator probe and host, convenient to test and operate

Supplied with built-in rechargeable battery, simulator finger, power adapter and manual in GB, IT.
Firmware languages: GB, IT, DE, PT.

## Technical Specifications

SpO2 measurement range: 35-100%; ± 2%
Amplitude resolution: 1% for 1.000-20.000%; 0.1% for 0.100-0.900%; 0.025% for 0.000-0.075%
SpO2 resolution: 1%
Display: TFT display with adjustable brightness level, 320x240, 262K colour
PR measurement range: 20-250 bpm; ± 1 bpm
Power supply: rechargeable lithium battery, 3.7 V
PR resolution: 5 bpm
Battery life: 500 charge cycles
Amplitude measurement range: 0.000%~20.000%
Size - weight: 189x125xh 56 mm - 600 g (battery included)