

# Rigel PULS-R

## Universal SpO2 Finger Simulator

The compact Rigel PULS-R universal SpO2 simulation finger is the latest accessory to the Rigel UNI-SIM and SP-SIM vital-signs simulators.

Able to simulate accurate SpO2 simulations in 1% resolution from as low as 30%\* using the pre-programmed manufacturer specific R-curves, the PULS-R can also be configured to meet customer specific R-curves using the simple to use configuration tool.

\* subject to monitor capability

### Supported default R-curves

- Beijing Choice
- Criticare
- GE Tuffsat
- Masimo
- Mindray
- Nellcor
- Nellcor Oximax
- Nihon Kohden
- Nonin
- Novamatrix
- Philips / HP

Custom R-curves subject to availability



### ► Easy and accurate probe placement

Unique probe placement LED's ensure accurate and correct simulation for each type of SpO2 probe.

The Rigel PULS-R has status LEDs which light up to indicate whether a probe connection has been achieved.

### ► Compatibility

The PULS-R is only compatible with the Rigel UNI-SIM or SP-SIM with firmware version 3 or higher. To upgrade your firmware, please visit our download section on the Rigel website; [www.rigelmedical.com/rigel-downloads](http://www.rigelmedical.com/rigel-downloads)



### Technical Specifications

Resolution	Range	Repeatability*
1% steps	30-59%	±5%**
1% steps	60-89%	±3%
1% steps	90-100%	±1%

#### Accuracy of simulation when used with the corresponding R-curves

\*Based on using the same probe and monitor setup

\*\*Note that some monitor types might not be able to display low range sats

Heart rate setting	30-300 bpm***
Operating temperature	0-104°F
Dimensions	3.08" x 2.68" x 1.14"
Finger shape	1.58" x 0.71"

#### Part number 399A910

\*\*\*Subject to monitor capability