



CMC
INGENIERIA MEDICA



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
- Novametrix
- 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.

www.cmcingmedica.com

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► 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



Technical Specifications

Accuracy of simulation when used with the corresponding R-curves

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

*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 0-40°C

Dimensions 78 x 68 x 29 mm

Finger shape 40 x 18 mm

Part number 399A910

***Subject to monitor capability

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