

## SECULIFE | **PS200** MULTI-PARAMETER PATIENT SIMULATOR

3-349-768-03  
1/10.16

### SECULIFE **PS200** for testing patient monitors

- Drop Down choice screens, list all options for parameters
- ECG characteristics with constant QRS duration
- No codes to remember or enter
- Flash programmable for upgrades
- Programmable sequences
- Simple to operate



The SECULIFE **PS200** offers every option and gets the latest settings or custom settings via the drop-down selection menus free to choose. Autosequences for BDM and static pressure level can be selected. An extension to SpO2 function is possible. One channel for blood pressure and 12 arrhythmias are available.

#### EKG-Arrhythmias

The SECULIFE **PS200** can send arrhythmia waveforms to ECG machines in 3, 5 or 12 lead configurations. It has independent outputs for each signal lead, referenced to the right leg. There are 12 Arrhythmias available that model abnormal heartbeats, plus Paced and Fetal/Maternal.

#### SpO2 Option

**PS200** has the ability to drive an external SpO2 module. This module (SECULIFE **OX**) accepts the FingerSim family of SpO2 finger simulators (fingers are available with SpO2 of 80, 90 and 97 %). The output pulses the finger at the NSR BPM rate (up to 180 BPM). The module plugs directly into the AUX (7 pin mini din) connector and is powered from the SECULIFE **PS200**.



#### Purchase parts

- 1 Operating Instruction
- 1 Transport case
- 1 Battery
- 1 Power supply (model U.S.)
- 1 Power supply (model EU)

# SECULIFE | PS200

## MULTI-PARAMETER PATIENT SIMULATOR

### Technical Data

#### Device:

|                 |                                     |
|-----------------|-------------------------------------|
| Construction    | 227,8 x 153,4 x 43,7 mm/ABS Plastik |
| Weight          | < 2 Lbs (0.91 kg)                   |
| Face Plate      | Lexan/Back printed                  |
| Operating Range | 15 to 40 °C (59 to 104 °F)          |
| Storage Range   | -20 to 65 °C (-4 to 149 °F)         |

| General             |                              |
|---------------------|------------------------------|
| Display             | 1LCD graphic, 128 x 64 pixel |
| Backlight           | Yes                          |
| Lead Test Terminals | Yes                          |
| RS232               | Yes                          |
| Power               | 2 x 9 V Battery              |
| Battery Eliminator  | Yes                          |

#### Functions:

|                      |                  |
|----------------------|------------------|
| ECG-NSR              | Yes              |
| Leads                | 10               |
| Rates                | 7                |
| Amplitudes           | 4                |
| QRS Interval         | Adult            |
| ST Segment Elevation | No               |
| ECG-Performance      | Yes              |
| Sine Waves           | 8                |
| Square Waves         | 2                |
| Triangle Waves       | 1                |
| Pulse Waves          | -                |
| Respiration          | Yes              |
| Rate                 | 8                |
| Baseline             | 2                |
| Delta Impedance      | 6                |
| NIPB                 | Nein             |
| Rates                | -                |
| Pressure Output      | -                |
| Special Modes        | Yes              |
| SpO2                 | With Seculife OX |
| Fetal/Maternal       | Yes              |

|                |                                     |
|----------------|-------------------------------------|
| Pacemaker      | No                                  |
| Arrhythmias    | 12                                  |
| Blood Pressure | 1                                   |
| Temperature    | YSI 400/700<br>0, 24, 30, 37, 40 °C |

### Ordering information

| Description                       | Type           | Order number |
|-----------------------------------|----------------|--------------|
| Multi-Parameter Patient Simulator | SECULIFE PS200 | M695M        |

For more information on accessories, see

- [www.gossenmetrawatt.com](http://www.gossenmetrawatt.com)