

SECULIFE | PS100 PATIENT-SIMULATOR

3-349-767-03
1/9.13

SECULIFE PS100 for testing patient monitors

- 3 sine, 2 square and 2 triangle selectable curves
- Indicator for residual voltage of the battery (in %)
- Patient simulation with 4 waveforms
- ECG with 30, 60, 120 and 240 BPM
- With constant QRS duration
- Leak test realisable



Specification

The SECULIFE PS100 is a microprocessor-based patient simulator. The user has four ECG characteristics with constant QRS duration and six characteristics to test the device performance.

ECG-Simulations

The 10 Universal Patient Lead Connectors allow for 12 lead ECG simulations with independent outputs. AHA and IEC color-coded labels are located on the face of the unit to aid in connecting the corresponding AHA and IEC Patient Leads.

AHA-Label	IEC-Label	Description
RA	R	Right Arm
LA	L	Left Arm
RL	N	Right Leg
LL	F	Left Leg
V1	C1	V Leads (V1-V6)
V2	C2	(U.S. and Canada)
V3	C3	Also referred to as pericardial, precordial or unipolar
V4	C4	Chest Leads (C1-C6)
V5	C5	
V6	C6	(International)

DUT picture



Purchase parts

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

SECULIFE | PS100

PATIENT-SIMULATOR

Technical Data

Device:

Construction	184.4 x 113.3 x 38.4 mm/ABS Plastic
Weight	≤ 1 Lbs (0.45 kg)
Faceplate	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	11 LED
Backlight	No
Lead Test Terminals	Yes
RS232	No
Power	1 x 9 V Battery
Battery Eliminator	Yes

Functions:

ECG-NSR	Yes
Leads	10
Rates	4
Amplitudes	1
QRS Interval	Adult
ST Segment Elevation	No
ECG-Performance	Yes
Sine Waves	3
Square Waves	2
Triangle Waves	1
Pulse Waves	-
Respiration	No
Rate	-
Baseline	-
Delta Impedance	-
NIPB	No
Rates	-
Pressure Output	-
Special Modes	No

Pacemaker	No
Arrhythmias	No
Blood Pressure	No
Temperature	No

Ordering information

Description	Type	Order number
Patient-Simulator	SECULIFE PS100	M695L

For more information on accessories, see

- www.gossenmetrawatt.com

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