



Together we defined true innovation

ProSim Vital Signs Patient Simulators were conceived and designed in partnership with biomedical technicians and clinical engineers all over the globe.

We observed what you test and how; where you travel and how you get there. We noted your workarounds and pain points, and then discussed our observations with you. We learned your routines and methodologies, and together we defined true innovation.

The right tool for the job

All the monitors in one department are slated for preventive maintenance this week

ICU calls: a monitor is not performing correctly A new monitor is in the shop awaiting incoming inspection

There's a ProSim solution for that



Complete patient monitor testing made easy

ProSim 8 Vital Signs Simulator

PMs in minutes

All-in-one, comprehensive multifunction testing

Rechargeable battery runs 9 hours continuously

Small enough for the field; uncompromised test capabilities



Quick-check simulator

ProSim 4 Vital Signs Simulator

In and out in 60 seconds

One touch to results

Rechargeable battery operation

Touchscreen technology





Biomedical

Regulations matter for test tools.

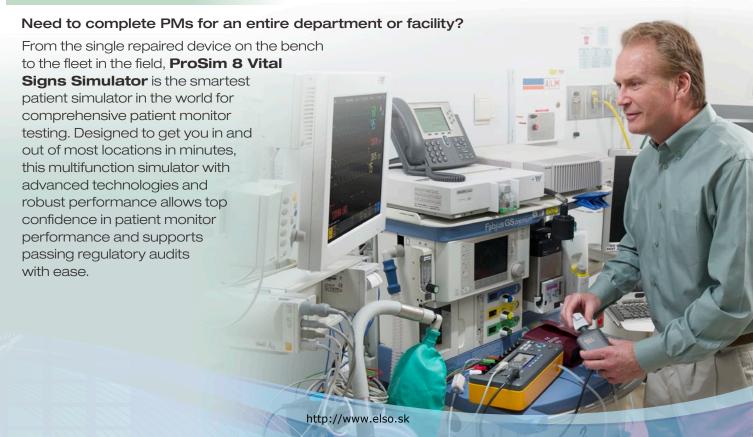
Did you know the United States Food and Drug Administration has determined NIBP and ECG patient simulators to be Class II medical devices? These Class II medical devices sold in the United States legally require FDA 510(k) clearance. ProSim is manufactured for medical device users by Fluke Biomedical, an ISO 13485 medical device company.

Quick-check testing: get in and out in 60 seconds

ICU calls: a monitor is not performing correctly.

Grab your **ProSim 4 Vital Signs Simulator** and go! This tester combines all needed quick-check capabilities into a package 90 % smaller/lighter. Featuring touchscreen technology for quick and simple one-touch testing, ProSim 4 is the perfect patient simulator for first-call patient monitor quality assurance and safety professionals.

Comprehensive testing made easy: all-in-one complete patient monitor test tool



ProSim 8 Vital Signs Simulator

Advanced technology

- Total patient monitor quality/safety testing, from NIBP static pressure linearity and dynamic pressure repeatability tests, EC13, ACLS ECG waveforms, Nellcor and Nonin SpO₂ low perfusion to Masimo Rainbow Set
- Physiologically synchronized pulses across all parameters
- Wireless PC communication, customized presets, auto-sequences, barcode scanning, onboard memory, direct data capture, printing functions and single-step (1 BPM/mmHg) adjustability results in maximum productivity

All-in-one testing

- 8-in-1 multifunction simulator tests
 - ECG (including fetal ECG/IUP and arrhythmias)
 - Respiration
 - Temperature
 - IBP
 - Cardiac output/cardiac catheterization
 - NIBP
 - -SpO₂
 - Masimo multi-wavelength Rainbow SET
- 80 % smaller and 17 lb (8 kg) lighter than singlefunction test tools, designed to complete PMs in minutes
- Customized carry case doubles as mobile work station





Patent pending secure ECG connections

Rechargeable battery which runs 9 hours continuously

Pass regulatory audits with ease

No-hassle connections

- Patent pending secure ECG cable connections compatible with both snaps and banana jacks no adapters, no modules and leads don't pop off
- No extra modules needed for oximeter testing
- Wireless communication to laptop

Pass regulatory audits with ease



ProSim 4 Vital Signs Simulator

One touch to results

The ProSim 4 Vital Signs Simulator offers fast and simple one-touch testing for patient monitor performance quick checks and troubleshooting.

Designed to get you in and out of most locations in 60 seconds, ProSim 4 offers 12-lead ECG simulation, respiration, IBP and NIBP testing in the palm of your hand.

Featuring specialized stay-connected ECG posts to ensure secure lead connections and smart, no-hassle navigation, this quick-check tool with patient pre-sets and autosequences is your first line of defense for on-the-go troubleshooting and testing.



- Accurate/repeatable 12-lead ECG, respiration, IBP and physiologically-relevant NIBP simulation
- 90 % smaller/lighter than single function testing tools
- Integrated, easily-replaceable battery capable of running all day
- 1 touch to most performance tests and checks
- First biomedical test tool ever to use touchscreen technology
- Easily connects all 12-lead ECG snaps comfortably and they don't fall off
- Onboard patient simulations pre-sets and auto sequences







Compare and decide

Feature	ProSim 4	ProSim 8
Weight	0.8 kg (1.93 lb)	1.87 kg (4.2 lb)
Display	Color LCD touchscreen	Color LCD
12 lead ECG simulation	•	•
ECG rate	30 BPM to 320 BPM in 30 BPM steps	10 BPM to 360 BPM in 1 BPM steps
ECG performance testing	•	•
Fetal ECG/IUP		•
Respiration simulation	•	•
Temperature simulation		•
Invasive blood pressure simulation	• (1 channel)	• (2 channels)
Cardiac output		•
Cardiac catheterization		•
Non-invasive blood pressure (NIBP) simulation	•	•
Continuous static pressure change		•
Internal pressure pump	Use manual inflation bulb	•
Manometer	•	•
Leak test	•	•
Over pressure test	•	•
SpO ₂		• (optional)
Masimo Rainbow SET simulation		• (optional)
Custom r-curve		•
Physiologically synchronized pulses across all parameters	•	•
Onboard, patient presets and autosequences	•	• (customizable)
Barcode scanning		•
On board memory/data saving /printing		•
Wireless PC Connectivity		•
Ansur operation		• (optional)
Long-lasting, integrated, rechargeable battery	•	•
Multi-language navigation/interface	•	•
Manufactured by an ISO 13485 medical device company	•	•

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