

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Fluke CI-3* at our website: ***Click HERE***

ProSim 2 and ProSim 3

Vital Signs Simulator



Don‘t need a comprehensive patient monitor tester? The ProSim 3 and ProSim 2 Vital Signs Simulators are clear choices for biomedical engineers and field service technicians that need a quality, portable device. Choose one of these modern vital signs simulators for preventive maintenance, troubleshooting and repair.

The ProSim 3 and 2 feature the perfect amount of features for testing in the field. We like to call it the just-right feature set, and it includes:

- ECG
- Pacemaker
- Arrhythmia and performance testing
- Respiration
- Invasive blood pressure
- Temperature
- Cardiac output (ProSim 3 only)
- Fetal/maternal (ProSim 3 only)

Key features

- Portable, multi-parameter patient simulators for evaluating the performance of patient monitors
- Just-right feature set includes: ECG, pacemaker, arrhythmia and performance testing, respiration, invasive blood pressure, temperature, cardiac output (ProSim 3 only), fetal/maternal (ProSim 3 only)
- 43 high-quality waveforms
- With four IBP channels, ProSim 3 can test even the highest acuity scenarios
- Stay connected ECG posts for secure lead connections
- Improved user interface and online Advantage Training demos
- Upgraded DIN connectors ensure consistency with the ProSim family; minimize cable compatibility issues
- Field upgradeable, and easily paired with other devices for comprehensive testing

Included accessories

ProSim 2/3 Instruction Sheet (Multilingual)

4253822 ProSim 2/3 Users Manual CD

614487 Two 9-volt alkaline batteries (minimum eight hours continuous use)

2392173 IBP Cable, unterminated

2392199 3010-0289FG, CI-3 Cable Assembly (Cardiac Output Box; ProSim 3 only)

1671807 USB cable

2248623 ProSim 2/3 Carrying Case

Optional accessories

2523334 YSI 400 Series (UT-4)

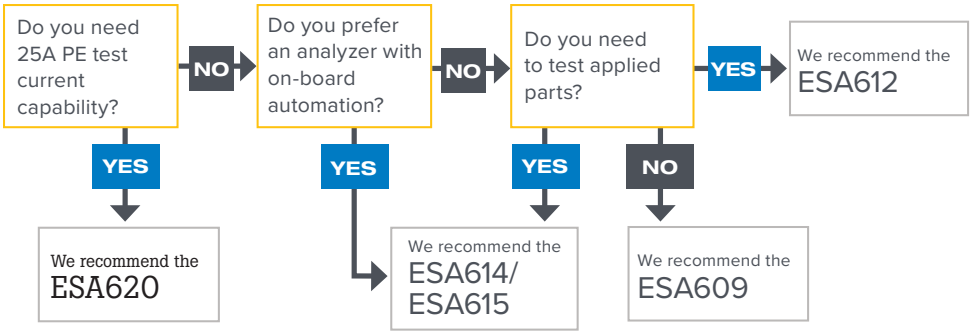
2199019 YSI 700 Series (UT-2)

4022300 Cardiac output switch for GE

Specifications

Standard compliance	CE, CSA, C-tick, WEEE and RoHs
ECG rate	30 BPM, 40 BPM, 45 BPM, 60 BPM, 80 BPM, 90 BPM, 100 BPM, 120 BPM, 140 BPM, 160 BPM, 180 BPM, 200 BPM, 220 BPM, 240 BPM, 260 BPM, 280 BPM and 300 BPM
ECG accuracy	± 1 % of setting
Arrhythmia	43 waveforms
Respiration rate	0 (OFF), 15 BPM, 20 BPM, 30 BPM, 40 BPM, 60 BPM, 80 BPM, 100 BPM, 120 BPM
Accuracy baseline	± 5 %
Blood pressure	4 channels
Pressure accuracy	± (2 % of setting + 2 mmHg), dc excitation only
Temperature	0 °C (32 °F), 24 °C (75.2 °F), 37 °C (98.6 °F), 40 °C (104 °F)
Temperature accuracy	± 0.1 °C
Cardiac output	2.5, 5, 10 liters per minute ± 5 %
Fetal/maternal	Fetal HR: 60 BPM, 90 BPM, 120 BPM, 140 BPM, 150 BPM, 210 BPM and 240 BPM
	Fetal HR (IUP): 140 BPM, then varies

Electrical safety analyzers
Comparison guide



	ESA615	ESA614	ESA612	ESA620	ESA609
Basic overview					
Preferred analyzer for which standard?	IEC62353 and NFPA-99	ANSI/AAMI and NFPA-9	ANSI/AAMI and NFPA-99	IEC60601-1 2nd, 3rd edition	ANSI/AAMI and NFPA-99
Automation inside	●	●			
Ansur compatible	●	●	●	●	
Onboard memory	●	●	●		
ECG simulation	●	●	●	●	
Handheld	●	●	●		●
GFCI protection	●	●	●	●	●
DUT load current	●	●	●	●	●
25 A test capability				●	
Detailed comparison					
Test modes	Automated Manual if preferred	Automated Manual if preferred	Manual Ansur-automatable	Manual Ansur-automatable	Manual
Test loads	AAMI, IEC60601-1	AAMI, IEC60601-1	AAMI, IEC60601-1	AAMI, IEC60601-1, IEC61010	AAMI, IEC6060-1
Mains voltage measurement	All lines	All lines	All lines	All lines	All lines
PE test current	200 mA ac	200 mA ac	200 mA ac	200 mA ac, 25 A ac	>200 mA dc
Leakage range	0 µA t0 10,000 µA 0 µA to 20 mA (differential only)	0 µA t0 10,000 µA 0 µA to 20 mA (differential only)	0 µA t0 10,000 µA 0 µA to 20 mA (differential only)	0 µA t0 10,000 µA 0 µA to 20 mA (differential or 61010 only)	0.0 µA to 1999.9 µA
Patient auxiliary leakage lead selections	Any 1 to all	Any 1 to all	Any 1 to all	Any 1 to all RA-LL-LL-LA RA-LA	-
MAP test voltage	100 % of mains	100 % of mains	100 % of mains	110 % Or 100 %	-
Power supply (V ac)	120 or 230	120 or 230	120 or 230	120 or 230	90 to 264
Applied parts connections	5 banana safety jacks, Bj2ECG adapter, 1-to-10 Expander	5 banana safety jacks, Bj2ECG adapter, 1-to-10 Expander	5 banana safety jacks, Bj2ECG adapter, 1-to-10 Expander	10 insulated posts	-
Communication options	Wireless and Wired	Wireless and Wired	Wired	Wired	-
Data entry options	Onboard keypad USB compatible keyboard, Barcode scanner	Onboard keypad USB compatible keyboard, Barcode scanner	Onboard keypad	-	-
Printer port	Available via Ansur	Available via Ansur	Available via Ansur	Available via Ansur	-
Dual lead testing	µA/mV, V and Ω	µA/mV, V and Ω	µA/mV, V and Ω	µA/mV, V and Ω	µA/mV, V and Ω
Connectivity	USB	USB	USB	USB	-
Power cord	Removable	Removable	Removable	Removable	Removable

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP