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Data Sheet

August 14, 2026

FLUKE

Fluke Impulse 7000DP Defibrillator Analyzer and Pacemaker Tester

Fluke Biomedical Impulse 7000DP Defibrillator Transcutaneous Pacer Analyzer The Fluke Biomedical Impulse 7000DP is a defibrillator and transcutaneous pacemaker analyzer with 12-lead ECG simulation. OEM Impulse 6000D/7000DP manuals list energy measurement 0.1 to 600 J with accuracy plus or minus (1 percent of reading + 0.1 J) on 0.1 to 360 J, 50 ohm fixed defibrillator load, and USB remote control. Defibrillator and AED performance verification, transcutaneous pacer testing, and 12-lead ECG simulation for biomedical equipment QA. The Fluke Biomedical Impulse 7000DP is a defibrillator and transcutaneous pacemaker analyzer with 12-lead ECG simulation. OEM Impulse 6000D/7000DP manuals list energy measurement 0.1 to 600 J with accuracy plus or minus (1 percent of reading + 0.1 J) on 0.1 to 360 J, 50 ohm fixed defibrillator load, and USB remote control. Defibrillator and AED performance verification, transcutaneous pacer testing, and 12-lead ECG simulation for biomedical equipment QA. Combined defibrillator and pacer analyzer 12-lead ECG simulation with independent outputs



MODEL

Fluke 7000DP

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

7000DP

LISTING

<https://aumictechlabs.com/products/7000dp-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fluke Impulse 7000DP is a defibrillator analyzer and pacemaker tester engineered to validate the performance and safety of defibrillators and external pacemakers across clinical and field environments. Designed for biomedical and clinical engineers, the instrument measures energy output, waveform characteristics, synchronization timing, charge times, and pacemaker parameters with high precision. It simulates 12-lead ECG signals and supports all major defibrillator technologies, making it essential for device maintenance and regulatory compliance.

Technical Specifications

Defibrillator Analysis Energy Output Measurement Range: 0.1 J to 600 J Accuracy: $\pm 1\%$ of reading + 0.1 J (0.1 J to 360 J); $\pm (1.5\%$ of reading + 0.3 J) for pulsed biphasic waveforms Waveform Compatibility Supports Lown, Edmark, trapezoidal, biphasic, and pulsed-biphasic defibrillation technologies, plus AED implementations. Synchronization Testing (Elective Cardioversion) Delay measurement window: ECG R-wave peak to defib pulse peak Range: -120 ms to 380 ms Resolution: 1 ms Accuracy: ± 1 ms Charge Time Testing Measures and customizes defibrillator charge times. ECG Waveform Simulation 12-lead ECG with 10 independent outputs for complete lead combinations Normal sinus rhythm: 10 BPM to 180 BPM in 1 BPM increments Monomorphic ventricular tachycardia: 120 BPM to 240 BPM in 5 BPM steps Atrial fibrillation (coarse and fine), asystole, and ventricular fibrillation NSR amplitude: 0.05 mV to 0.45 mV (0.05 mV steps) and 0.5 mV to 5 mV (0.5 mV steps) Transcutaneous ECG NSR: 0.05 mV to 0.95 mV amplitude; 10 BPM to 300 BPM in 1 BPM steps; accuracy $\pm 5\%$ of setting Pacemaker Analysis (7000DP) Pacer Parameter Testing Measures and customizes pacemaker settings and refractory periods.

Key Features Autoranged measurement from 0.1 J to 360 J with optimized accuracy Millisecond-precision synchronization timing for cardioversion validation User-friendly interface for efficient operation in varied clinical settings Support for both standard and specialized waveform technologies Compatibility & Integration The 7000DP validates modern AED devices and legacy defibrillators using established waveform technologies. ECG simulation accommodates standard 12-lead recording conventions and transcutaneous pacing scenarios.

7000DP Characteristics / Specifications

PARAMETER	VALUE
Model	Impulse 7000DP
Energy Measurement Range	0.1 to 600 J autoranged
Energy Accuracy 0.1 to 360 J	plus or minus (1 percent of reading + 0.1 J)
Energy Accuracy 360 to 600 J	plus or minus (1 percent of reading + 0.1 J) typical
Pulsed Biphasic Energy Accuracy	plus or minus (1.5 percent of reading + 0.3 J)
Compatible Waveshapes	Lown Edmark Trapezoidal DC Bi-phasic AC Pulsed Bi-phasic
Defibrillator Load Resistance	50 ohm
Load Resistance Accuracy	plus or minus 1 percent non-inductive less than 2 uH
Pulse Trigger Level	20 V
Pulse Width Range	1.0 to 50.0 ms
Pulse Width Accuracy	plus or minus 0.1 ms
Voltage Range	20 to 5000 V
Voltage Accuracy	plus or minus (1 percent of reading + 2 V)
Current Range	0.4 to 100.0 A
Current Accuracy	plus or minus (1 percent of reading + 0.1 A)
ECG Lead Configuration	12-lead RA LL LA RL V1-V6 independent outputs
ECG Lead To Lead Impedance	1000 ohm nominal
ECG Rate Accuracy	plus or minus 1 percent of setting
ECG Amplitude Accuracy	plus or minus 2 percent of setting lead I 2 Hz square and R-wave
Battery Operation Typical	9 hours after full charge
Battery Charger Input	100 to 240 V
Battery Charger Output	15 V / 1.5 A
Communications	USB device port
Operating Temperature	10 C to 40 C
Storage Temperature	-20 C to 60 C

PARAMETER	VALUE
Humidity	10 to 90 percent non-condensing
Size HxWxL	13 cm x 32 cm x 24 cm
Weight	3.0 kg
Modes Of Operation	manual and remote

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	20 C to 60 C
Operating temperature	10 C to 40 C
Operating Temperature	10 C to 40 C
Humidity	10 to 90 percent non-condensing
Size HxWxL	13 cm x 32 cm x 24 cm
Weight	3.0 kg
Modes Of Operation	manual and remote Notes From Fluke Biomedical Impulse 6000D/7000DP Getting Started Manual and data sheet specification sections for Impulse 7000DP. Pacer load and algorithm details follow the OEM pacer analyzer tables for the installed firmware.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

performance verification, transcutaneous pacer testing, and 12-lead ECG simulation for biomedical equipment QA.	
Key Features	
Combined defibrillator and pacer analyzer	
12-lead ECG simulation with independent outputs	
Plus or minus 1 percent + 0.1 J energy accuracy class	
Rechargeable NiMH battery operation	
USB device port for computer control	
Technical Specifications	
Technical Specifications	
PARAMETER	VALUE
Model	Impulse 7000DP
Energy Measurement Range	0.1 to 600 J autoranged
Energy Accuracy 0.1 to 360 J	plus or minus (1 percent of reading + 0.1 J)
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Modes Of Operation	manual and remote

Notes

From Fluke Biomedical Impulse 6000D/7000DP Getting Started Manual and data sheet specification sections for Impulse 7000DP. Pacer load and algorithm details follow the OEM pacer analyzer tables for the installed firmware.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.