

samaritan[®] PAD 450P with Integrated CPR Rate Advisor[™]

Zoll AED Plus Product Comparison



HeartSine[®] samaritan PAD 450P

Zoll AED Plus

✓	ICG-based real time feedback	✗	Accelerometer-based real-time feedback
✓	Real-time verbal and visual rate feedback ("Push faster", "Push slower")	✗	Adaptive metronome
✓	Real-time feedback using standard electrode (third sensor not required)	✗	Real-time feedback using extra sensor (puck)
✓	Compact, portable, lightweight 2.4 lbs/1.1 kg	✗	Significantly larger, heavier 6.7 lbs/3 kg
✓	Highest level of protection from dust and water ingress in the industry (IP56)	✗	Lower water resistance rating (IP55)
✓	Integrated battery and electrodes	✗	Separate battery and electrodes; requires 10 separate consumer grade batteries
✓	One item to track and replace after use or upon expiration	✗	11 items to track and replace after use or upon expiration (10 batteries and pads)
✓	Time-to-shock from power on typically <12 seconds	✗	Time-to-shock from power on typically <22.6 seconds
✓	8-year lifetime warranty	✗	7-year warranty
✓	90-minute ECG recording time	✗	15-minute ECG recording time
✓	Low escalating energy protocol (SCOPE™)	✗	Fixed width escalating energy protocol
✓	Operating impedance range of 25 – 230 ohms	✗	Operating impedance range of 25 – 180 ohms (delivered energy reduces rapidly after 175 ohms)
✓	Audible and visual prompts to maximize CPR hands-on time	✓	Audible and visual prompts to maximize CPR hands-on time
✓	Audible and visual prompts for ease of use in noisy environments	✓	Audible and visual prompts for ease of use in noisy environments
✓	Automatic self test	✓	Automatic self test
✓	Pediatric compatible (When used with Pediatric-Pak, CPR Rate Advisor is disabled)	✓	Pediatric compatible (When used in pediatric mode, CPR feedback is disabled)
✓	Field upgradeable software to latest AHA/ERC guidelines	✓	Field upgradeable software to latest AHA/ERC guidelines
✓	Carry case included	✓	Carry case included
✓	Lower total cost of ownership; acquisition and operating expense		