

DEFIBRILLATOR COMPARISON SHEET

HEARTSINE 500P DEFIBRILLATOR FEATURE	Cardiac Science G5	IPAD SP1	ZOLL AED Plus	LifePak CR2
✓ Integrated ICG-based real-time CPR feedback on rate and force	X Accelerometer-based CPR feedback on force; third sensor (puck) required		X Accelerometer-based real-time feedback	X CPRInsight - Analysis during chest compressions shortens or eliminates pauses, to maximisehands-on time
✓ Through the standard electrodes, actively measures CPR rate and force, and advises "Push harder", "Push faster", "Push slower", and "Good compressions", or "Begin CPR" when no CPR is detected	X Measures CPR through an accelerometer and advises on rate only	X No real-time CPR feedback	X Adaptive metronome	X If CPR is not detected, it advises again to begin CPR. Metronome to guide users in right rate.
✓ Compact, portable, lightweight 1.1kg	X 2.6 kg	X 2.4kg	X 3kg	X 2.0kg
✓ Highest level of protection from dust and moisture ingress in the industry (IP56)	X IP55	X IP55	X IP55	X IP55
✓ Integrated battery and electrodes for one-change maintenance - one item to track and replace after use or upon expiration	X Separate pads and battery	X Separate pads and battery	X Separate pads and battery	X Separate pads and battery
✓ 4-year electrode life	X 2-year	X 3-year	✓	✓
✓ Operating impedance range of 20-230 ohms	X 25-175	X 50-150	X 25-180	✓ (10-300)
✓ Paediatric compatible	✓	✓	✓	✓
✓ Audible and visual indicators for ease of use in a noisy environment	✓	✓	✓	✓
✓ Patented low escalating energy protocol (SCOPE)	X	X	X	X
✓ 90-minute ECG recording time	✓	✓	X 15-minute ECG recording time	X 60-minute ECG recording time
✓ Automatic self test	✓	✓	✓	✓
✓ Field upgradable to latest AHA/ERC guidelines	✓	X Not field upgradable	✓	✓
✓ Carry case included	X Carry case optional (extra)	✓	X Carry case not included in some markets	X Carry case optional (extra)
✓ Upgradable to connectivity	X	X	✓	✓
✓ 10-year warranty	X 7-year	X 8-year	X 7-year	X 8-year