

# DATA SHEET

WITH PAD-PAK MOUNTED	
<b>Mesurements</b>	20 cm x 18.4 cm x 4.8 cm
<b>Weight</b>	1.1 kg
<b>Waveform</b>	SCOPE™ (Self Compensating Output Pulse Envelope) biphasic escalating waveform which compensates and adapts energy, dosage and shock scope.
PATIENT ANALYSIS SYSTEM	
<b>Method</b>	Evaluates the patients EKG, signal-quality, electrode contact and the patients impedance for assessment if defibrillation is necessary.
<b>Requirement /specifications</b>	Meets ISO 60601-2-4
OPERATIONAL ENVIRONMENT	
<b>Operational-/ Standby temperature</b>	0° C to 50° C
<b>Temporary transport temperature</b>	-10° to +50° C up to 2 days. If the unit is stored in temperatures under 0° C it should be kept in normal service-/standby temperature at least 24 hours before use.
<b>Relative humidity</b>	5 % to 95 % (non-condensing)
<b>Watertight</b>	IEC 60529/EN 60529 IP56
<b>Height</b>	0 - 4 575 meters
<b>Shock resistance</b>	MIL STD 810F method 516,5, procedure I (40G)
<b>Vibration</b>	MIL STD 810F method 514,5+ Category 4 truck transport (highway USA) category 7 airplanes (Jet 737 & general aviation)
<b>Electro magnetic radiation</b>	EN 60601-1-2
<b>Emission</b>	EN55011
<b>Electrostatic discharge, RF-immunity</b>	EN61000-4-3 80MHZ-2.5GHZ (10 V/m)
<b>Immunity against magnetic fields</b>	EN61000-4-8 (3 A/m)
<b>Airplanes</b>	RTCA/DO-160F, section 21 (category M)
<b>Fall test</b>	1 meter

ENERGY	
<b>Adult</b>	1st shock: 150 J 2nd shock: 150 J 3rd shock: 200 J
<b>Child</b>	1st shock: 50 J 2nd shock: 50 J 3rd shock: 50 J
RECHARGING TIME	
<b>New battery</b>	Normal 150 J on < 8 seconds, 200 J on < 12 seconds
<b>After 6 discharges</b>	Normal 150 J on < 8 seconds, 200 J on < 12 seconds
INCIDENT DOCUMENTATION	
<b>Type</b>	Internal memory
<b>Memory capacity</b>	90 minutes EKG (complete accounting) and documentation of incident
<b>Examination</b>	Custom USB-cable connected to PC and Saver™Evo, Windows based software
INGOING MATERIAL	
<b>Samaritan® PAD 360P</b>	ABS, Santoprene. Circuit cards with electronic components.
<b>Casing</b>	ABS-electrodes: hydrogel, silver, aluminum, polyester
Pad-Pak – electrode and battery cartridge Adult (Pad-Pak-03), Child (Pad-Pak-04)	
<b>Standby time</b>	Minimum 4 years
<b>Weight</b>	0.2 kg
<b>Measurements</b>	10 cm x 13.3 cm x 2.4 cm
<b>Battery type</b>	Lithiummangandioxid (LiMnO2)
<b>Capacity</b>	>60 shocks on 200 J 18 V, 15 Amp-hours
<b>Electrodes</b>	HeartSine samaritan® disposable electrodes supplied with each defibrillator
<b>Electrode placement</b>	Adult: Anteriorly/lateralt Child: Anteriorly/postal
<b>Active gel surface</b>	100 cm <sup>2</sup>
<b>Length electrode cable</b>	1 meter