E-Scope Clinical Model Product Cut Sheet

Manufacturer	Cardionics
Manufacturer Address	910 Bay Star Blvd. Webster, TX 77598
Manufacturer Web Address	www.cardionics.com
Distributor	Cardionics
Model Name	E-Scope II Clinical Model
List Price	$335.00
Our Price	$335.00
FDA Classification	Class II
CE/UL	CE
Power Supply	1 AAA Alkaline Battery
Technical Support Options	Lifetime technical support, call 281-488-5901. Do not attempt to repair, return to manufacturer.
Warranty	1 yr
Temperature Range Storage	-20°C - 65°C (-4°F - 149°F), in <95% relative humidity
Temperature Range Usage	Unavailable from manufacturer
Product Dimensions	Unavailable from manufacturer
Weight	6.2 oz
Battery Life	One AAA can power for 5 months at 6hrs use/week or 30 uses per day.
Battery Replacement Period	When the stethoscope quits working.
Low Battery Indicator	No
Digital or Amplifying or Both	Amplifying
Amplification Amount	27db @ 200Hz, max 124db undistorted
Output Options (Audio/USB/Serial)	Audio (Using proprietary cord)
Wireless/Bluetooth	No
Network Transfer Options	None
Frequency	Unavailable from manufacturer

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Frequency Bell	20-650 Hz
Frequency Diaphragm	70-2000 Hz
Frequency Extended	N/A
Ambient Noise Reduction	No
Replacement Parts	Yes, available for purchase from manufacturer
Latex Free (Yes/No)	Yes
Diaphragm (Hardware/Electronic)	Electronic & Hardware (Manual Change Bell & Diaphragm)
Ear Tips/Headphones/Both	Ear Tips, binaural
Ear Tip Characteristics	Molded plastic
Tubing Length	38 inches
Volume Adjustment (Yes/No)	Yes, 64 steps from highest to lowest position.
Auto Off/Power Save Options	Auto off after 1.5 minutes
Care/Cleaning/Maintenance	Clean using a standard alcohol swab or wipe (70% isopropyl alcohol). Do not use excessive liquid or immerse any part of the E-Scope, doing so may result in moisture getting inside the unit.
Number of Parts	1 unit
Integrated Software Package (Capture/S&F/Analysis/Diagnosis)	Yes. (Capture/S&F/Analysis/Diagnosis of lung sounds)
Accompanying Software Name	STG Stereographics
Additional Hardware Features (Visual Waveform, SpO2, HR, Visual Indicators)	None
Carrying Case	Yes
Functional Aspects	
Powering Up	Press any button on the head of the chest piece to power unit on. No visual or audible indicator. No distinct button.
Power Indicator Light	None
Type of On/Off Switch	No distinct button to turn unit on, no button will turn unit off. No indication when unit turns off.
Modes Available	Bell & Diaphragm
Changing Modes	Manually screw on and off a number of bell and diaphragm attachments (adult diaphragm, pediatric bell, and neonatal bell). Once bell/diaphragm hardware selected, you can turn the unit on and press the circle button on the head of the chest piece to select bell or diaphragm mode. There is not visual or audible indicator of mode.
Changing Volume	Press the +/- button on the head of the chest piece. There are 64 steps between highest and lowest volume positions. You can press and hold the +/- buttons to move volume positions. There is no visual or audio indicator.
Mute Button	No
Auto Shut Off	Automatic timer to turn off at 1.5 minutes after

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	last button push. Does not retain settings.
Powering Off	Automatically turns off after approx. 1.5 minutes. No way to manually power it down, no real indication when unit turns off.
Retained Settings	Retains audio. Does not include an indicator of current audio settings.
Recording Options	None
Does it Require Separate Send/Receive Unit	No
Interface (how?, what mechanism)	Utilizes a proprietary audio output cable (proprietary connecter to 3.5mm).
Pros	Single piece, familiar design. Wide range of volume adjustments. Wide range of user changeable bells and diaphragms.
Cons	Ear tips uncomfortable. Requires physically changing bell/diaphragm chest pieces. No visual or audible indicators for mode or volume adjustments. Utilizes proprietary cable.
Instruction Manual	Clear, concise.
PDF Version Available Online	Yes

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