MABIS Signature Electronic Stethoscope Product Cut Sheet

Manufacturer	Made in Taiwan, (Distributor) MABIS Healthcare Division of DMS Holdings Inc.
Manufacturer Address	1931 Norman Drive South Waukegan, IL 60085 USA
Manufacturer Web Address	www.mabis.net
Distributor	Home Health Super Store, Cardinal Health, etc…
Model Name	MABIS Signature Electronic Stethoscope Model 10-400-020
List Price	$228.96
Our Price	$228.96
FDA Classification	Class II
CE/UL	UL
Power Supply	3 LR44 batteries or equivalent
Technical Support Options	Return to the Manufacturer postage prepaid, Support phone 800-526-4753 Weekdays 8A-6P EST
Warranty	3 yr limited
Temperature Range Storage	-4°F - 140°F (-20°C - 60°C) and 15%-95% relative humidity
Temperature Range Usage	-5°F - 60°F (-21°C - 16°C) and 20%-95% relative humidity
Product Dimensions	Unavailable from manufacturer
Weight	2.3 lbs (questionable)
Battery Life	Unavailable from manufacturer
Battery Replacement Period	When the yellow and orange LEDs remain illuminated upon turning the unit on.
Low Battery Indicator	Yes. Yellow and Orange LEDs remain illuminated upon turning the unit on.

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Digital or Amplifying or Both	Amplifying
Amplification Amount	3dB +/-2% of each volume level
Output Options (Audio/USB/Serial)	None
Wireless/Bluetooth	No
Network Transfer Options	None
Frequency	Unavailable from manufacturer
Frequency Bell	Unavailable from manufacturer
Frequency Diaphragm	Unavailable from manufacturer
Frequency Extended	Unavailable from manufacturer
Ambient Noise Reduction	Built in computer chip that eliminates aphonic and resonance effects.
Replacement Parts	1 set of extra ear tips included. Eartips, Diaphragm, Diaphragm Retaining Ring, and Battery Cover available from distributor MABIS Healthcare.
Latex Free (Yes/No)	Yes
Diaphragm (Hardware/Electronic)	Electronic
Ear Tips/Headphones/Both	Ear Tips, binaurals
Ear Tip Characteristics	Soft, screw off, replaceable.
Tubing Length	22 inch Y-Tubing
Volume Adjustment (Yes/No)	Yes, level 1-8
Auto Off/Power Save Options	After 2 minutes of use unit automatically shuts off.
Care/Cleaning/Maintenance	To extend the life of your Electronic Stethoscope, avoid extreme changes in temperature, solvents and oils. Eartips, binaurals, plastic tubing, control box and chestpiece can be cleaned with a soft cloth and isopropyl alcohol. Do not immerse your Stethoscope into any liquid or use high thermal sterilization processes. Eartips should be removed for a more thorough cleaning. Use only LR44 batteries or equivalent. Do not disassemble or attempt to repair the Electronic Stethoscope. Recommended storage temperatures conditions are -4°F - 140°F (-20°C - 60°C) and 15%-95% relative humidity. Recommended usage temperatures conditions are -5°F - 60°F (-21°C - 16°C) and 20%-95% relative humidity.
Number of Parts	1, unit
Integrated Software Package (Capture/S&F/Analysis/Diagnosis)	None, N/A no data output.
Accompanying Software Name	N/A
Additional Hardware Features (Visual Waveform, SpO2, HR, Visual Indicators)	None
Carrying Case	No
Functional Aspects	
Powering Up	Press the + or – button.
Power Indicator Light	Yes, green and orange LEDs flash 3 times when

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	turned on.
Type of On/Off Switch	Button on tubing, no dedicated button, use +/- to turn on and M button to turn off.
Modes Available	Bell, Diaphragm, Extended
Changing Modes	Press the “M” button, indicator LEDs change from green, to orange, to yellow. No labeling of mode associated with light color. LEDs used can appear illuminated even when they are not.
Changing Volume	8 volume levels, press + and – buttons located on tubing. No audible or visual indicator.
Mute Button	No
Auto Shut Off	Yes, 100 seconds after the last keyed event.
Powering Off	Press the M button and hold 3 seconds. No clear button. Green and orange LEDs flash 3 times, unit off.
Retained Settings	Yes, volume & mode. (However, visually unclear)
Recording Options	No. Amplifying Only.
Does it Require Separate Send/Receive Unit	No
Interface (how?, what mechanism)	No. Amplifying Only.
Pros	Single Unit.
Cons	Requires 3 button batteries. The binaural button/slider looks like the on/off switch. Very uncomfortable in the ears. Indicators LEDs reflective, so they look like they are always on. The indicator lights do not stay on when you change modes, they just flash once. Indicator lights have no labels. No visual indicator of volume output level.
Instructional Manual	Small physical size. Graphic quality adequate.
PDF Version Available Online	Yes

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