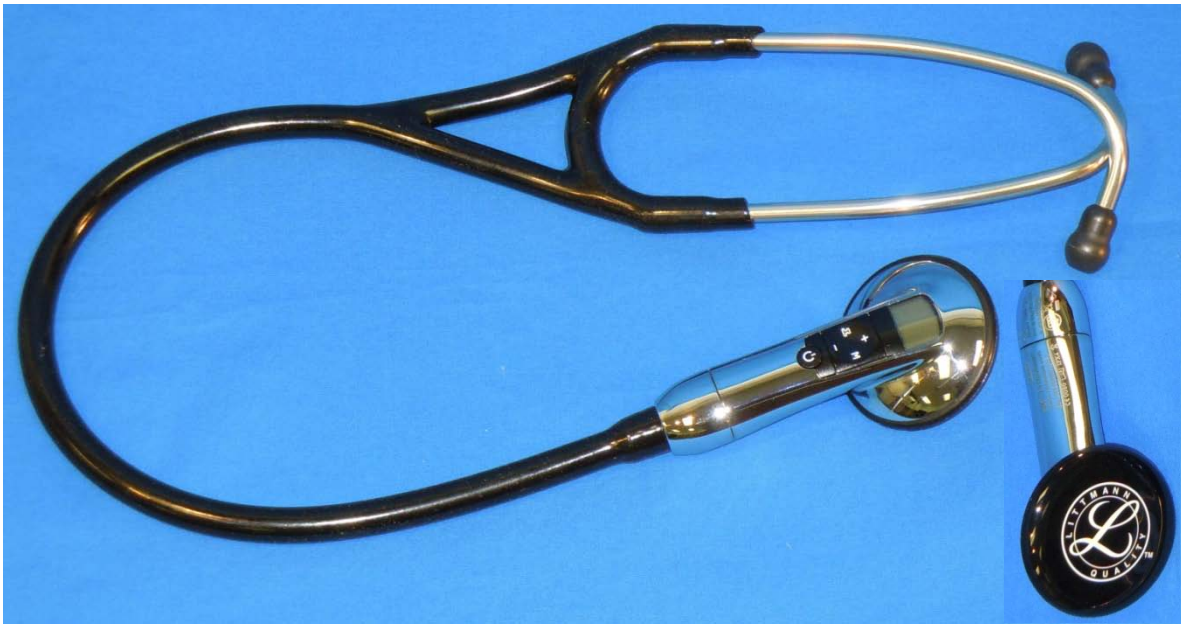
Littmann Model 3200 Product Cut Sheet



Manufacturer	3M Health Care
Manufacturer Address	3M Health Care Littmann Brand Products 3M Center, Building 275-4W-02 St. Paul, MN 55144-1000 USA
Manufacturer Web Address	www.3m.com/littmann
Distributor	Authorized Dealors: see website http://solutions.3m.com/wps/portal/3M/en_US/Littmann/stethoscope/purchase/where-to-buy/
Model Name	3M Littmann Electronic Stethoscope Model 3200 34-8703-7468-2
List Price	$500.00
Our Price	$370.00
FDA Classification	Class II
CE/UL	CE
Power Supply	2 AA alkaline battery, also compatible with Lithium & NIMH equivalencies
Technical Support Options	Ship stethoscope directly to 3M Health Care Service Center for repair or maintenance. Consult FAQ section on website or call the repair and refurbishment center at 800-292-6298.
Warranty	2 year against any defects in material and manufacturing.
Temperature Range Storage	-22° to 104°F (-30° to 40°C), 15-93% relative humidity
Temperature Range Usage	-40° to 131°F (-40° to 55°C), 15-93% relative humidity
Product Dimensions	27 inches
Weight	185.5g
Battery Life	50-60 hours of continuous use
Battery Replacement Period	Replace battery within 2 hours of flashing battery life icon.
Low Battery Indicator	Yes. Indicator on chest piece, replace when empty battery flashing.
Digital or Amplifying or Both	Both
Amplification Amount	Amplified in 9 increments up to 24x

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Output Options (Audio/USB/Serial)	No
Wireless/Bluetooth	Bluetooth
Network Transfer Options	Direct IP network connection.
Frequency	Unavailable from manufacturer
Frequency Bell	20-1000Hz, emphasizes lower frequency sounds between 20-200Hz
Frequency Diaphragm	20-2000Hz, emphasizes lower frequency sounds between 100-500Hz
Frequency Extended	20-2000Hz, emphasizes lower frequency sounds between 50-500Hz
Ambient Noise Reduction	Yes, always on.
Replacement Parts	Available from manufacturer. Comes with 2 additional sets of ear tips.
Latex Free (Yes/No)	Yes
Diaphragm (Hardware/Electronic)	Electronic
Ear Tips/Headphones/Both	Ear Tips, binaural. Tension adjustable.
Ear Tip Characteristics	Soft, great seal, two sizes
Tubing Length	27 inches
Volume Adjustment (Yes/No)	Yes. +/- button on chest piece, visual indicator on chest piece as well, audible indicator played through ear tips.
Auto Off/Power Save Options	Turns to “standby” mode after 20 seconds of inactivity. After 2 hours of non-use, the stethoscope will leave standby mode and fully power off. Menu options to select power consumption settings also available; Low, Medium, and High.
Care/Cleaning/Maintenance	Cleaning should be done between each patient use with an alcohol wipe. The diaphragm can be removed and cleaned with alcohol. Do not immerse or attempt to sterilize. Ear tubes, ear tips, plastic tubing and chest piece can be wiped clean with alcohol. Ear tips may be removed for a more thorough cleaning. Keep stethoscope away from heat, cold, solvents and oils.
Number of Parts	2 (unit and Bluetooth dongle)
Integrated Software Package (Capture/S&F/Analysis/Diagnosis)	All
Accompanying Software Name	Zargis StethAssist Lung and Heart Sound Visualization software (included with steth) Zargis Cardioscan Heart Murmur Detection Software (sold separately) 3M Littmann Scope-to-Scope Tele-Auscultation Software (sold separately)
Additional Hardware Features (Visual Waveform, SpO2, HR, Visual Indicators)	Visual indicator is LCD monitor located on chest piece for heart rate (numerical), volume/amplification level, mode, and battery life.
Carrying Case	No
Functional Aspects	
Powering Up	Press power button on chest piece.
Power Indicator Light	LCD screen on chest piece lights up.
Type of On/Off Switch	Button on chest piece.

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Modes Available	Bell, Diaphragm, Extended
Changing Modes	Press chest piece graphic button on chest piece. Has graphical representation on the LCD monitor located on the chest piece with accompanying audio confirmation.
Changing Volume	Press the +/- buttons located on the chest piece. Has graphical representation on the LCD monitor located on the chest piece with accompanying audio confirmation.
Mute Button	No
Auto Shut Off	Turns to “standby” mode after 20 seconds of inactivity. If diaphragm registers any audio, it will exit standby mode and resume live mode. After 2 hours of non-use, the stethoscope will leave standby mode and fully power off. Menu options to select power consumption settings also available: Low, Medium, and High.
Powering Off	Press and hold the power button for two seconds on the chest piece. The LCD monitor will turn off.
Retained Settings	Retains settings in standby mode. Restores factory setting when fully powered off. You may modify factory settings through chest piece menu adjustments.
Recording Options	In-unit onboard Recording, for a maximum of 29 minutes.
Does it Require Separate Send/Receive Unit	No
Interface (how?, what mechanism)	Bluetooth, with required USB dongle.
Pros	Intuitive. Buttons well marked. The way it handles setting configuration is superior. Adjustable binaurals.
Cons	M button and recording function is confusing. Settings are not retained unless custom configured.
Instructional Manual	Clear and concise. Paper book version falling apart after minimal use.
PDF version available online	Yes

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