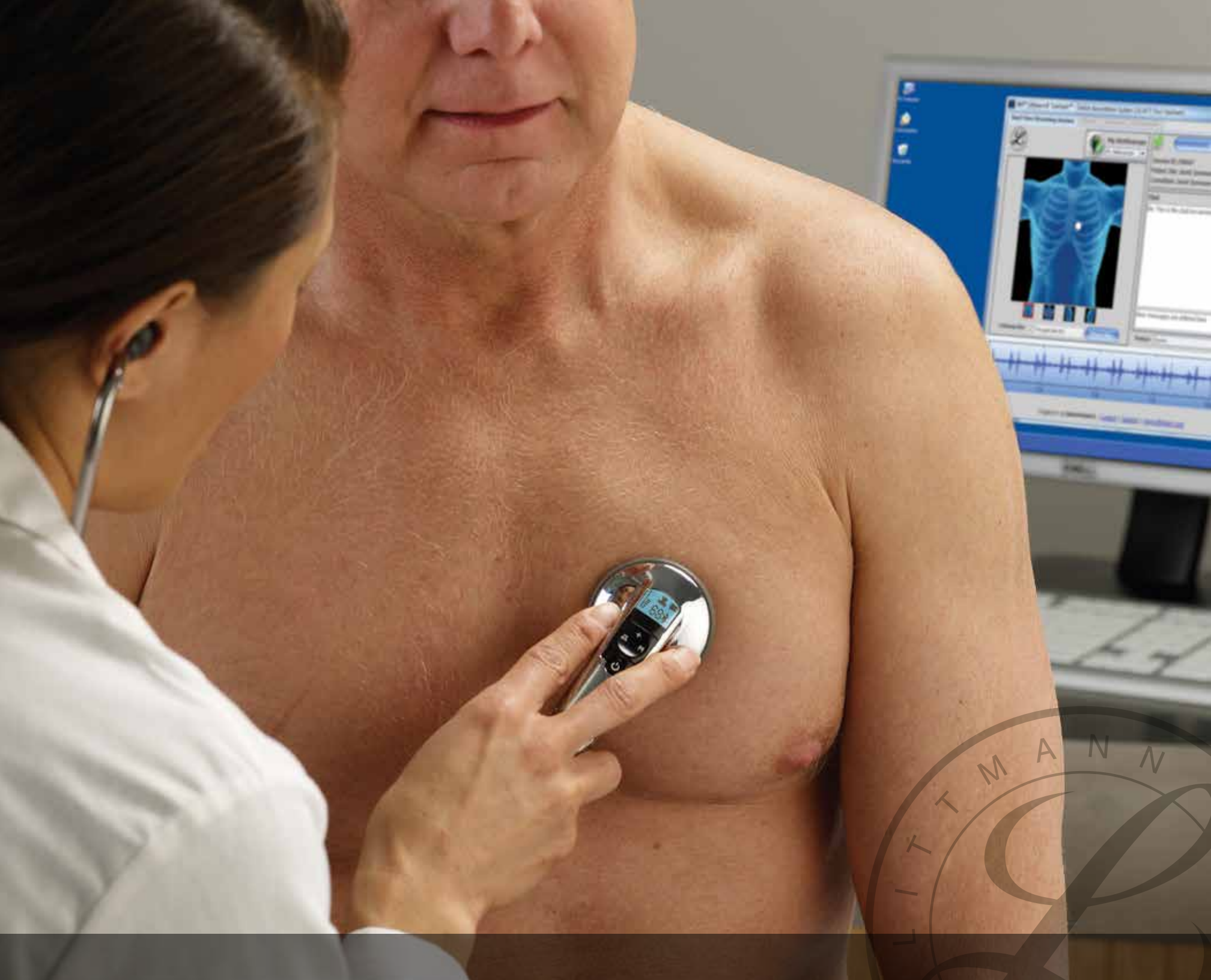


3M™ Littmann®
Electronic Stethoscopes

Redefining
what a
stethoscope
can do for you



3M



Don't miss the sounds you need to hear.

Everything you believe auscultation should be is still here today. But everything you wish it could be is now also in your hands, with 3M™ Littmann® Electronic Stethoscopes.



3M™ Littmann®
Electronic Stethoscope
Model 3100



3M™ Littmann®
Electronic Stethoscope
Model 3200, with
Bluetooth® Technology

The 3M™ Littmann® Electronic Stethoscope delivers an exceptional auscultation experience. Clinical evidence shows that it's easier to detect difficult-to-hear heart sounds, like S3 gallops, aortic regurgitation murmurs, and abnormal lung sounds. Here's why:



Up to 24X Sound Amplification

Extra listening power for those times when you need it; may be helpful when a heart, lung or body sound is especially faint; when a patient is obese; or when a patient's clothing restricts your listening experience.



Proprietary Ambient Noise Reduction Technology

It cancels out, on average, 85% of ambient background noise that can interfere with the auscultation experience, without eliminating critical body sounds – a full 13% better than previous models.



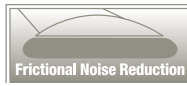
State-of-the-Art Sound Sensor

Built to stringent specifications, it provides a life-like 3M™ Littmann® sound experience similar to a high-end cardiology stethoscope.



Acoustic Seal Eartips

Not only do our 3M™ Littmann® Snap Tight Soft-Sealing Eartips provide a comfortable fit, they also create a tighter seal from ambient noise entering through eartip connections.



Frictional Noise Reduction Technology

A number of changes in the chestpiece help reduce handling noises compared to earlier electronic stethoscopes.

“ Allows me to easily differentiate between high and low frequency sounds even when alarms and other ambient noise surrounds me. ”

Cardiovascular Nurse



Numbers that come through loud and clear.

Studies comparing non-electronic, cardiology-type stethoscopes and 3M™ Littmann® Electronic Stethoscopes had these findings:

With Littmann® Electronic Stethoscopes...

83% of cardiologists indicated it was easier to detect/hear an S3 gallop¹

82% of cardiologists indicated it was easier to detect/hear an aortic regurgitation murmur (Grade 1 or 2)²

90% of critical care nurses indicated it was easier to detect/hear abnormal lung sounds³

When using a non-electronic, cardiology-type stethoscope vs. Littmann® Electronic Stethoscopes in the presence of simulated ambient noise...

Cardiologists missed an S3 gallop **40% more often**¹

Cardiologists missed a Grade 2 aortic regurgitation murmur **5 times more often**²


Critical care nurses misidentified whether a sound was normal or abnormal **2 times more often**³

¹ 191 cardiologists, the overwhelming majority of whom had not previously used the Littmann Electronic Stethoscope Model 3000 (series), listened to pre-recorded heart sounds with and without an S3 gallop of two different magnitudes, presented in random order and in the presence of 70-75 dB ambient noise. They listened with both a Model 3000 and an acoustic (non-electronic) cardiology-type stethoscope.

² Comparison by cardiologists of the 3M™ Littmann® Electronic Stethoscope Model 3000 with Ambient Noise Reduction to the 3M™ Littmann® Cardiology III Stethoscope for detection of recorded murmurs in the presence of simulated ambient noise. 70-2009-7406-4

³ Comparison by critical care nurses of the 3M™ Littmann® Electronic Stethoscope Model 3000 with Ambient Noise Reduction to the 3M™ Littmann® Cardiology III Stethoscope for detection of recorded lung sounds in the presence of simulated ambient noise. 70-2009-7405-6

Clinical Perspective available upon request.



“ Helped me discover a carotid bruit that I wasn’t able to hear with my conventional stethoscope. ”

MD - Emergency Medicine



Easy to operate

Dedicated controls for power on/off, bell/diaphragm/extended range frequency, and (+) and (-) buttons to adjust sound level up or down.

Proprietary Ambient Noise Reduction (ANR) technology is always there when stethoscope is on.

Menu button brings you to screen-guided commands to operate recording and Bluetooth® features (on Model 3200), and customize start-up settings (both models), all in view while you auscultate.

Worry-free power

Multiple reminders when battery life is low.

Tool-free access to battery compartment.

Operates on single AA battery.

Compatible with lithium batteries if additional battery life is desired.

Rugged, trouble-free

Durable metal chestpiece.

Designed to withstand the rigors of your busy work day.

Performance tested to withstand accidental drops to the floor and impacts against bed rails and door frames.

Two-year eartip-to-diaphragm warranty.

Convenient LCD interface

Advises you of current sound level, and if you are in bell, diaphragm, or extended range frequency mode.

Indicates remaining battery life (and on the Model 3200, when Bluetooth® transmission is active).

Patient heart rate displays after just five seconds, then updates every two seconds.

A quick touch of the power button activates backlight for low-light conditions.

Lightweight, comfortable

About the same weight as a cardiology-grade acoustic stethoscope.

Traditional tubing design drapes comfortably over the neck, and folds easily into a pocket.

3M™ Littmann® soft-sealing eartips in two sizes for a custom fit.

Non-chill diaphragm for patient comfort.

Auto-on feature

No waiting to start your next auscultation.

Stethoscope stays in battery-saving “sleep mode” until you start your next auscultation.



15mm

Centered sound sensor has a diameter of 15mm. Shown here at actual size.

Auscultating Patients of Different Sizes

Both 3M™ Littmann® Electronic Stethoscope models have a flat diaphragm for placement stability, but all sound pick-up happens at the center. So it's sized right for infants or adults. And the 24X amplification may be helpful when auscultating through the body of obese patients.

Outstanding acoustics in a user-friendly form.

Although the technology employed in our electronic stethoscopes is enough to leave a computer fanatic breathless, it's the simplicity that impresses clinicians. Using it won't disrupt your auscultation workflow.

“Acoustically superb, excellent diagnostic instrument.”

Internist

LCD interface with backlight

Increase volume

Choose bell, diaphragm or extended range

Reduce volume

Power on/off



Bluetooth® Technology

(Model 3200 only) Press to use Bluetooth® technology, record a sound, or customize start-up settings with screen-guided assistance



Beyond auscultation. In fact, almost beyond imagination.

With the Model 3200 stethoscope, hearing a sound clearly is only the beginning. Want to record a sound for playback later? Want to send it to your computer? Want to have a colleague halfway around the world evaluate it in real time? No problem. You have the tools you need.

“ I can record, then listen, slow it down, identify it, listen in real time, then go back to the individual with the heart sound and listen through the stethoscope. ”
Nurse Practitioner

Record it.

Capture a sound for later playback. Helpful when seeking a peer opinion or when you are writing up notes on your patient's condition, after your patient has left.

Send it.

Bluetooth® technology lets you transmit sounds real-time to your computer, which can then be further analyzed, attached to medical records, or reviewed online with colleagues. (3200 only)









Confirm it.

Visualize heart and lung sounds using 3M™ StethAssist™ Software, which can be easily downloaded at littmann.com/stethassist.

And there's more. With the 3M™ TeleSteth™ System (sold separately), you can easily incorporate real-time streaming of stethoscope sounds into your telemedicine program. So you can collaborate with colleagues anywhere, anytime. The TeleSteth System can be accessed from a user's computer via the internet.



Ordering Information

	3M™ Littmann® Electronic Stethoscope Model 3200, with Bluetooth® Technology 	3M™ Littmann® Electronic Stethoscope Model 3100 
Bluetooth® Technology	Yes	No
Compatible with 3M™ StethAssist™ Software	Yes	No
Performance (1-10 Scale)	10+	10+
Chestpiece Design and Technology	Durable Metal	Durable Metal
Headset Material	Wide Diameter Aerospace Alloy	Wide Diameter Aerospace Alloy
Length	27"/69 cm	27"/69 cm
Total Weight	185 grams	185 grams
Diaphragm Details, Diameter	51.0 mm	51.0 mm
Warranty	2 years	2 years
Tube Colors	 Black 3200BK27  Navy Blue 3200NB  Burgundy 3200BU	 Black 3100BK27  Navy Blue 3100NB  Burgundy 3100BU

Caution: Federal law restricts these devices to sale by, or on the order of, a physician.

3M

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70-2010-9149-6



Because your most
vital instrument
is knowledge

The 3M™ Littmann® Learning Institute's special sound libraries, tutorials and enrichment exercises help clinicians increase knowledge and refine diagnostic skills. And as a registered owner of a Littmann® Stethoscope, you will have access to all basic and premium content, including:

- 50 Heart and Lung Sounds Library
- Advanced Cardiac Examination Virtual Trainer
- Lessons in Auscultation: Heart Sounds
- Lessons in Auscultation: Lung Sounds

What's more, like all prestigious learning institutions, we are continually refreshing and expanding our modules. So visit our website often.

www.Littmann.com

To learn more about Littmann® Electronic Stethoscopes, and all 3M™ Littmann® Stethoscopes, visit us at www.Littmann.com. Or call the 3M Health Care Helpline at 1-800-228-3957.