Redefining what a stethoscope can do for you
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.

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

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3M™ Littmann®
Electronic Stethoscope
Model 3100

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

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

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

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

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.

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

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

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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.
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.

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.

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.

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.

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.

Auto-on feature
No waiting to start your next auscultation.
Stethoscope stays in battery-saving “sleep mode” until you start your next auscultation.

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.
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.

Outstanding acoustics in a user-friendly form.

“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.

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.

“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
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.

Ordering Information

<table>
<thead>
<tr>
<th>3M™ Littmann® Electronic Stethoscope Model 3200, with Bluetooth® Technology</th>
<th>3M™ Littmann® Electronic Stethoscope Model 3100</th>
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</thead>
<tbody>
<tr>
<td>Bluetooth® Technology</td>
<td>Yes</td>
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<tr>
<td>Compatible with 3M™ StethAssist™ Software</td>
<td>Yes</td>
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<tr>
<td>Performance (1-10 Scale)</td>
<td>10+</td>
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<tr>
<td>Chestpiece Design and Technology</td>
<td>Durable Metal</td>
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<tr>
<td>Headset Material</td>
<td>Wide Diameter Aerospace Alloy</td>
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<tr>
<td>Length</td>
<td>27”/69 cm</td>
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<tr>
<td>Total Weight</td>
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<tr>
<td>Diaphragm Details, Diameter</td>
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<tr>
<td>Warranty</td>
<td>2 years</td>
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<tr>
<td>Tube Colors</td>
<td>Black 3200BK27, Navy Blue 3200NB, Burgundy 3200BU</td>
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Caution: Federal law restricts these devices to sale by, or on the order of, a physician.