Cardiology III Stethoscope

- Outstanding acoustics
- Versatile adult and pediatric sided chestpiece
- Patented tunable diaphragms for monitoring low and high frequencies
- Two-tubes-in-one design
- Patented Littmann® Soft-sealing eartips
- Pediatric side easily converts to traditional bell

3M Health Care
D-41453 Neuss, Germany

Attention, see instructions for use.

3M is a trademark of 3M.
Littmann is a registered trademark of 3M.
3M™ Littmann® Cardiology III
Stethoscope

Congratulations on the purchase of your new Littmann
Cardiology III Stethoscope.

The Littmann Cardiology III stethoscope provides
outstanding acoustic performance combined with
exceptional versatility. Its innovative design offers a
patented tunable diaphragm on each side of the
chestpiece. The large side can be used for adult
patients, while the small side is especially useful for
pediatric or thin patients, around bandages and carotid
assessment. Plus, the pediatric side of the chestpiece
easily converts to a traditional bell by simply replacing
the diaphragm with the non-chill bell sleeve included
with the stethoscope.

Other features include a solid stainless steel chestpiece,
patient-friendly non-chill rims and diaphragms, a
comfortably angled, anatomically correct headset, and
excellent acoustic seal and comfortable fit with patented
3M™ Littmann® Snap Tight soft-sealing ear tips. The
Littmann Cardiology III stethoscope also offers a two-
in-one tube design to eliminate tube rubbing noise, and
is available in a selection of classic tube colors to meet
individual preferences.

Most of all, know that your Littmann Cardiology III
stethoscope carries the Littmann brand name, the name
known worldwide for unsurpassed quality. As a trusted
leader in auscultation technology, the Littmann brand of
stethoscopes is your assurance of acoustical superiority,
innovative design and exceptional performance.

Instructions for Use

Chestpiece

On Littmann stethoscopes with traditional combination
chestpieces, it is necessary to open the side of the
chestpiece being used. This is accomplished by holding
the chestpiece stem in one hand and rotating the
chestpiece with the other hand until a click is felt.

Changing Frequencies Using the
Tunable Diaphragm

Your Littmann Cardiology III Stethoscope is equipped
with a patented tunable diaphragm that enables you to
listen to both low and high frequency sounds on either
chestpiece side.

Should you prefer a traditional bell, a non-chill bell
sleeve is included as a spare part.

Low frequencies: To
listen to low frequency
sounds, (traditional bell
mode) use very light
skin contact.

High frequencies: To
listen to higher
frequency sounds,
(traditional diaphragm
mode) press firmly on
the chestpiece.

To listen to low and high frequency sounds without
removing and repositioning the chestpiece, simply
alternate between light and firm pressure on the
chestpiece.

Correct

Incorrect

Your new Littmann
stethoscope is designed
to provide a comfortable,
acoustically sealed ear fit.
Notice that the ear tips are set
to accommodate the typical
anatomy of the ear canal. The
ear tips should point in a
forward direction as you insert
them into your ear canals.

To reduce spring tension in
the headset, hold each ear tip
at the bend near the ear tip and
gradually pull apart until fully
extended.

To increase spring tension,
grasp the headset with one
hand where the ear tubes enter
the tubing and squeeze until
the tubing on one ear tube
meets on the other. Repeat as
necessary.

For maximum acoustic
performance, comfortable
patented 3M™ Littmann®
Soft Sealing Ear tips are
provided with your
stethoscope. This stethoscope
utilizes a unique design for
attaching the ear tip to
the ear tube. The ear tips are pushed on to the end of
the ear tube and snapped firmly into place. To remove, pull
firmly on the ear tip.
3M™ Littmann® Cardiology III Stethoscope

Congratulations on the purchase of your new Littmann Cardiology III Stethoscope.

The Littmann Cardiology III stethoscope provides outstanding acoustic performance combined with exceptional versatility. Its innovative design offers a patented tunable diaphragm to accommodate the typical anatomy of the ear canal. The ear tips are made from soft, comfortable material and are designed to provide a snug fit.

Instructions for Use

Chestpiece

On Littmann stethoscopes with traditional combination chestpieces, it is necessary to open the side of the chestpiece being used. This is accomplished by holding the chestpiece stem in one hand and rotating the chestpiece with the other hand until a click is felt.

Changing Frequencies Using the Tunable Diaphragm

Your Littmann Cardiology III Stethoscope is equipped with a patented tunable diaphragm that enables you to listen to both low and high frequency sounds on either chestpiece side.

Low frequencies: To listen to low frequency sounds, (traditional bell mode) use very light skin contact.

High frequencies: To listen to higher frequency sounds, (traditional diaphragm mode) press firmly on the chestpiece.

To listen to low and high frequency sounds without removing and repositioning the chestpiece, simply alternate between light and firm pressure on the chestpiece.

Headset Adjustment

Your new Littmann stethoscope is designed to provide a comfortable, acoustically sealed ear fit. Notice that the ear tubes are set to accommodate the typical anatomy of the ear canal. The ear tubes should point in a forward direction as you insert them into your ear canals.

To reduce spring tension in the headset, hold each ear tube at the bend near the ear tip and gradually pull apart until fully extended.

To increase spring tension, grasp the headset with one hand where the ear tubes enter the tubing and squeeze until the tubing on one ear tube touches the other. Repeat as necessary.

For maximum acoustic performance, comfortable patented 3M™ Littmann® Soft-sealing Ear Tips are provided with your stethoscope. This stethoscope utilizes a unique design for attaching the ear tip to the ear tube. The ear tips are pushed on to the end of the ear tube and snapped firmly into place. To remove, pull firmly on the ear tip.
Assembly and Replacement of the Tunable Diaphragm (Pediatric side)

Remove the bell sleeve. Separate the stiff diaphragm with flexible surround from the nonchill rim. Start by placing the diaphragm on the pediatric side of the chestpiece. ... roll the rim around and over the chestpiece edge by using both thumbs, moving in opposite directions around the chestpiece.

Visually inspect the edge where the diaphragm engages the rim for uniform containment. If necessary, remove the rim, smooth the surface, and repeat application procedure.

Conversion to Traditional Bell:
The pediatric side of the chestpiece can be converted to a traditional bell. After removing the tunable diaphragm, replace it with the nonchill bell sleeve included in the spare parts box. Slip the bell sleeve over the edge of the bell and fit it into place.

General Use and Maintenance
- Avoid extreme heat, cold, solvents, and oils.
- The entire stethoscope can be wiped clean with alcohol or soapy water.
- Eartips can be removed from the eartubes for thorough cleaning.

NOTE: Do not immerse your stethoscope in any liquid or subject it to steam sterilization. If disinfection is required, the stethoscope may be wiped with a 70% isopropyl alcohol solution.

Removing the Diaphragm and Cleaning the Chestpiece

With the diaphragm side up, grasp the rim with the thumbs and index fingers of both hands and roll the rim off the edge of the chestpiece. Remove the diaphragm from the rim and clean the parts in soapy water or wipe with alcohol. Chestpiece surfaces can be wiped with alcohol or soapy water. Dry all parts and surfaces thoroughly before reassembly.

Assembly and Replacement of the Tunable Diaphragm (Adult side)

Using your fingertip, apply a small amount of talcum powder to the inside surface of the flexible edge of the diaphragm. This will facilitate assembly and maintain smooth and quiet low/high frequency alternation. Snap the diaphragm with your fingers to remove excess talc.

Insert the flexible edge of the diaphragm into the groove of the rim. This is best accomplished by starting with the rim positioned above the legible side of the diaphragm.

Visually examine the ring to ensure that the flexible edge is smoothly engaged inside the rim. If necessary, flex the assembly by pinching the outer rim edge between the thumb and fingers. Repeat this flexing procedure after rotating the assembly one quarter.

To attach the rim/diaphragm assembly to the chestpiece, engage the groove of the rim (with the diaphragm attached) around the chestpiece at one point and hold it in place with your thumbs.

Slowly roll the rim around and over the chestpiece edge using both thumbs, moving in opposite directions around the chestpiece.

Visually inspect the edge where the diaphragm engages the rim for uniform containment. If necessary, remove the rim, smooth the surface, and repeat application procedure.

Conversion to Traditional Bell:
The pediatric side of the chestpiece can be converted to a traditional bell. After removing the tunable diaphragm, replace it with the nonchill bell sleeve included in the spare parts box. Slip the bell sleeve over the edge of the bell and fit it into place.

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Littmann Stethoscope Service and Warranty Program
Your Littmann stethoscope comes with the finest service and warranty policy in the industry. The Littmann Cardiology III Stethoscope is warranted against any defects in material and workmanship for a period of five (5) years. If a material or manufacturing defect is discovered during the warranty period, repairs will be made without charge upon the return of the instrument to 3M, except in cases of obvious abuse or accidental damage.

For maintenance or repair services, write a short note explaining the repair or service you require, include your name, address and phone number and send your stethoscope directly to:

3M Health Care Service Center
Bldg. 502, Suite 200
3350 Granada Ave. North
Oakdale, MN 55128
1-800-292-6298

IN CANADA:
3M Health Care Service Centre
3M Canada Inc.
80 Enterprise Drive South
London, Ontario
Canada N6E1C2
1-800-563-2921

Outside of the U.S. and Canada please contact your local 3M subsidiary for maintenance and repair information.
Removing the Diaphragm and Cleaning the Chestpiece

With the diaphragm side up, grasp the rim with the thumbs and index fingers of both hands and roll the rim off the edge of the chestpiece. Remove the diaphragm from the rim and clean the parts in soapy water or wipe with alcohol. Chestpiece surfaces can be wiped with alcohol or soapy water. Dry all parts and surfaces thoroughly before reassembly.

Assembly and Replacement of the Tunable Diaphragm (Pediatric side)

Visually examine the ring to ensure that the flexible edge is smoothly engaged inside the rim. If necessary, flex the assembly by pinching the outer rim edge between the thumb and fingers. Repeat this flexing procedure after rotating the assembly one quarter.

To attach the rim/diaphragm assembly to the chestpiece, engage the groove of the rim (with the diaphragm attached) around the chestpiece at one point and hold it in place with your thumbs. Slowly roll the rim around and over the chestpiece edge using both thumbs, moving in opposite directions around the chestpiece.

Visually inspect the edge where the diaphragm engages the rim for uniform containment. Minor adjustments may be made by slightly pulling and rolling the rim away from the diaphragm, allowing the diaphragm to slip into position.

Assembly and Replacement of the Tunable Diaphragm (Adult side)

Using your fingertip, apply a small amount of talcum powder to the inside surface of the flexible edge of the diaphragm. This will facilitate assembly and maintain smooth and quiet low/high frequency alternation. Snap the diaphragm with your fingers to remove excess talc.

Insert the flexible edge of the diaphragm into the groove of the rim. This is best accomplished by starting with the rim positioned above the legible side of the diaphragm.

Visually examine the ring to ensure that the flexible edge is smoothly engaged inside the rim. If necessary, flex the assembly by pinching the outer rim edge between the thumb and fingers. Repeat this flexing procedure after rotating the assembly one quarter.

To attach the rim/diaphragm assembly to the chestpiece, engage the groove of the rim (with the diaphragm attached) around the chestpiece at one point and hold it in place with your thumbs. Slowly roll the rim around and over the chestpiece edge using both thumbs, moving in opposite directions around the chestpiece.

Visually inspect the edge where the diaphragm engages the rim for uniform containment. Minor adjustments may be made by slightly pulling and rolling the rim away from the diaphragm, allowing the diaphragm to slip into position.

Conversion to Traditional Bell:

The pediatric side of the chestpiece can be converted to a traditional bell. After removing the tunable diaphragm, replace it with the nonchill bell sleeve included in the spare parts box. Slip the bell sleeve over the edge of the bell and fit it into place.

General Use and Maintenance

- Avoid extreme heat, cold, solvents, and oils.
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IN CANADA:

3M Health Care Service Centre
3M Canada Inc.
80 Enterprise Drive South
London, Ontario
Canada N6K1C2
1-800-563-2921

Outside of the U.S. and Canada please contact your local 3M subsidiary for maintenance and repair information.
Explanation of Symbols:

⚠️ • Attention, see instructions for use.

🚫 • This product and package do not contain natural rubber latex.
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