



The familiar way



Sensitivity is the basis of
accurate perception.

Stethoscopes

stethoscopes

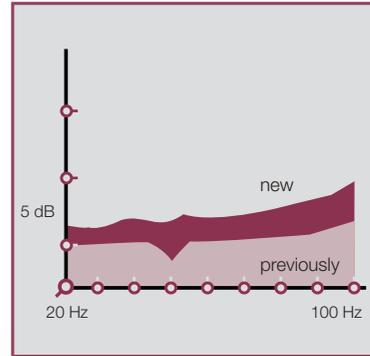
Riester Stethoscopes – there’s simply more to hear. Since 1948 the name Riester has stood for the highest quality products, wide-ranging experience in development and production and a commitment to constant improvement. Selected materials and first-class workmanship ensure perfect auscultation and outstanding durability.

We shall be pleased to provide more information about the ordering requirements for customer specific models and colours upon request.

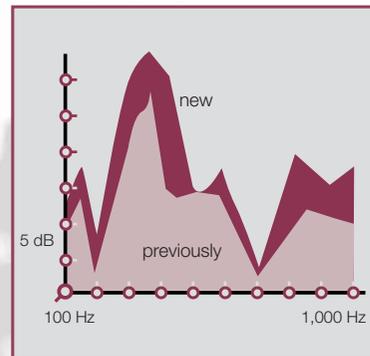
- **Considerable acoustic improvement** on the basis of intensive development work. Current measurement protocols show: The newest Riester generation of stethoscopes has unique acoustic characteristics in comparison to all other models measured.
- **Large selection:** The range extends from the cardiology stethoscope to the nurse’s stethoscope.
- **CNC-produced precision chest-pieces** with fibre-reinforced Riester special membranes and particularly flat and soft non-chill rims for improved adaptation on the skin.
- **Extra-soft, replaceable ear-tips** for comfortable and effective sealing of the external auditory canal.
- **Comfortable and flexible binaural.**
- **High quality tube systems** with outstanding sound-conducting characteristics.
- All Riester stethoscopes are supplied with **replacement parts and instructions for use.**
- **Latex-free.**
- There is a **24 months guarantee** on all Riester stethoscopes.
- **Development and production in Germany.**



Low frequency range



High frequency range



Example duplex®

Thanks to intensive development work the acoustics of the Riester stethoscopes have been improved in all relevant frequency ranges.



Riester special membranes are extra-ordinarily durable and permit perfect auscultation.



CNC-produced precision chest-pieces with fibre-reinforced special membranes and particularly flat and soft non-chill rims.



Extra-soft ear-tips effectively seal the external auditory canal.



Stethoscopes from Riester are supplied with replacement parts.



cardiophon

The **cardiophon cardiology stethoscope** is a masterpiece from Riester. With the highest quality double-headed chest-piece, it convinces with its superior acoustics in every situation. Especially in the frequency range between 200 Hz and 500 Hz, which is particularly important for the **auscultation of heart sounds**, the cardiophon provides **unique acoustic performance**. In comparison to previous models it was possible to improve the acoustics still further. The cardiophon is suitable for the **precise auscultation of adults and children**.

- **Double-headed chest-piece** made of **stainless steel**.
- Special membranes on both sides for precise acoustics, Ø 48 mm and 36 mm, with particularly flat and soft non-chill rims for improved adaptation on the skin.
- Anatomically shaped binaural made of stainless steel with reinforced, internal multiple spring.
- Soft, replaceable ear-tips for comfortable and effective sealing of the external auditory canal.
- Extra-strong Y-tube made of PVC with separate sound-conducting pathways for the left and right ears with particularly good audio-conductivity.
- Overall length: 72 cm.
- Latex-free.
- The cardiophon is supplied with two pairs of replacement ear-tips, a replacement membrane each and a name plate.

Order numbers cardiophon:

- **No. 4131-01** black
- **No. 4131-02** slate grey
- **No. 4131-03** blue

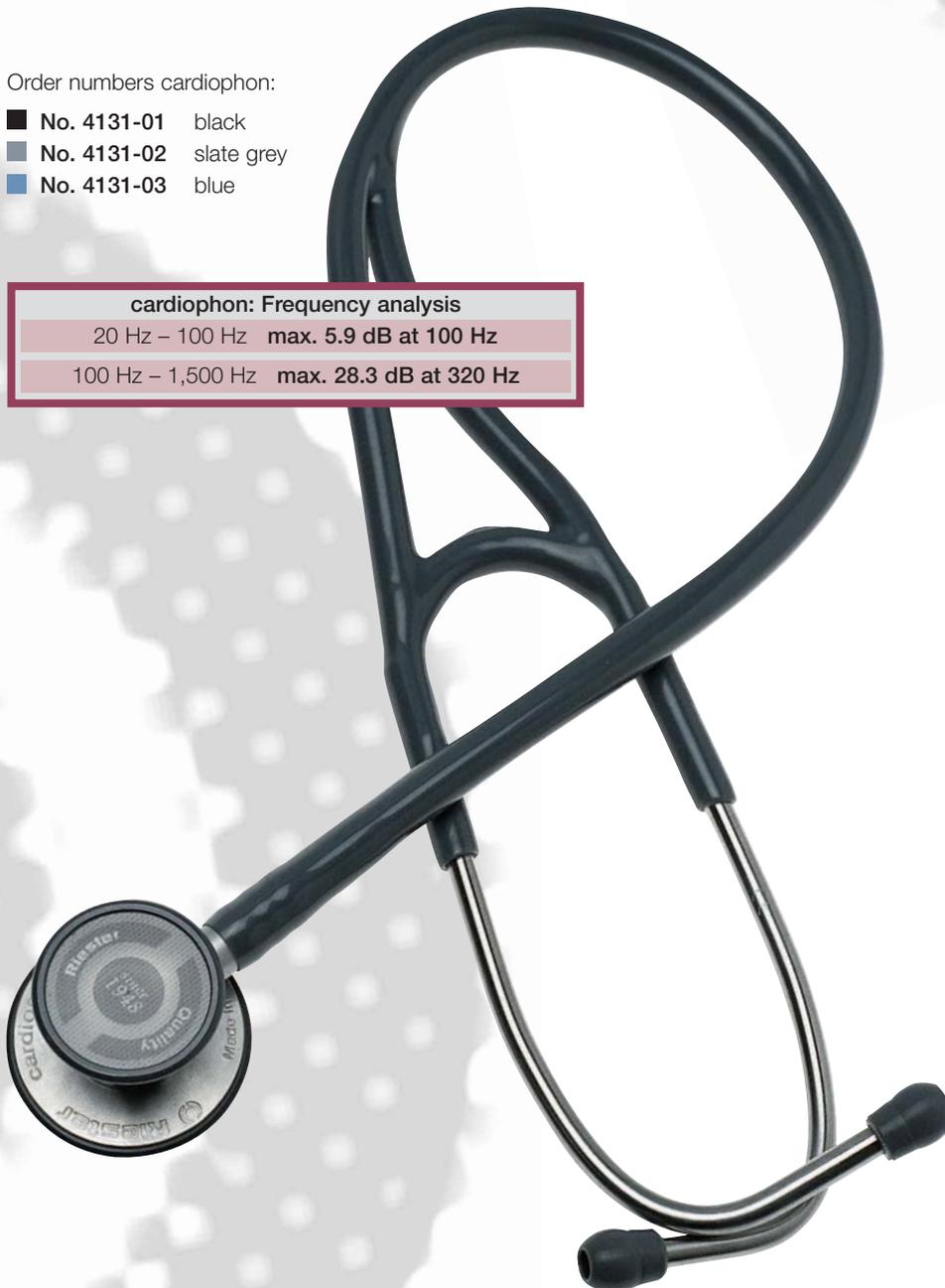
cardiophon: Frequency analysis

20 Hz – 100 Hz **max. 5.9 dB at 100 Hz**

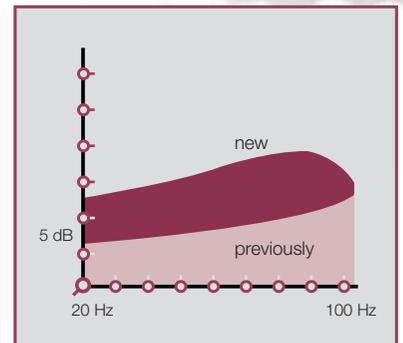
100 Hz – 1,500 Hz **max. 28.3 dB at 320 Hz**



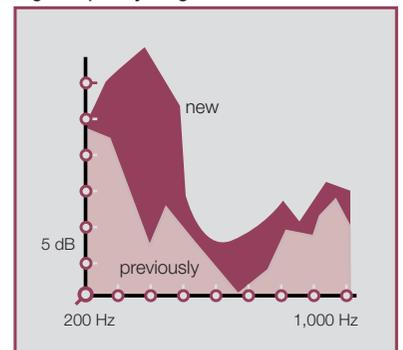
cardiophon is supplied in high-quality display packaging with a replacement parts box.



Low frequency range



High frequency range



Example cardiophon

Extra-ordinary acoustic performance in the important frequency range for heart sounds between 200 Hz and 500 Hz.

duplex® de luxe family

duplex® de luxe stethoscopes from Riester are distinguished by **outstanding acoustic performance**. They have been specially developed to meet the challenges of daily diagnostic practice. The tube stethoscopes are available in a range of designs for auscultation of adults, children/babies and newborn children.

- Precision double-headed chest-piece for perfect auscultation, with Riester special membrane.
- Matt chromium-plated binaural with integrated reinforced double spring.
- Extra-soft, replaceable ear-tips for comfortable and effective sealing of the external auditory canal.
- Extra-strong Y-tube made of PVC for shielding against undesired stray sounds.
- Latex-free.



All duplex® de luxe stethoscopes are supplied in an attractive display box with replacement parts and name plate.

duplex® de luxe

The Riester **duplex® de luxe** stethoscope with double chest-piece offers **acoustics in a class of its own** for perfect auscultation. The **acoustics** have been **considerably improved**. The stethoscope can be used **for the diagnosis of adults as well as for children**.

- **Double chest-piece** made of **either stainless steel** or pleasantly light **aluminium**.
- Special membranes on both sides, Ø 48 mm and 36 mm, with particularly flat and soft non-chill rims for improved adaptation on the skin.
- Overall length: 77 cm.
- duplex® de luxe is supplied with two pairs of replacement ear-tips, a replacement membrane each and a name plate.



Order numbers duplex® de luxe:

Aluminium chest-piece

- No. 4061-01 black
- No. 4061 slate grey
- No. 4061-03 blue
- No. 4061-04 saffron
- No. 4061-05 green

Chest-piece made of stainless steel

- No. 4081-01 black
- No. 4081 slate grey
- No. 4081-03 blue
- No. 4081-04 saffron
- No. 4081-05 green

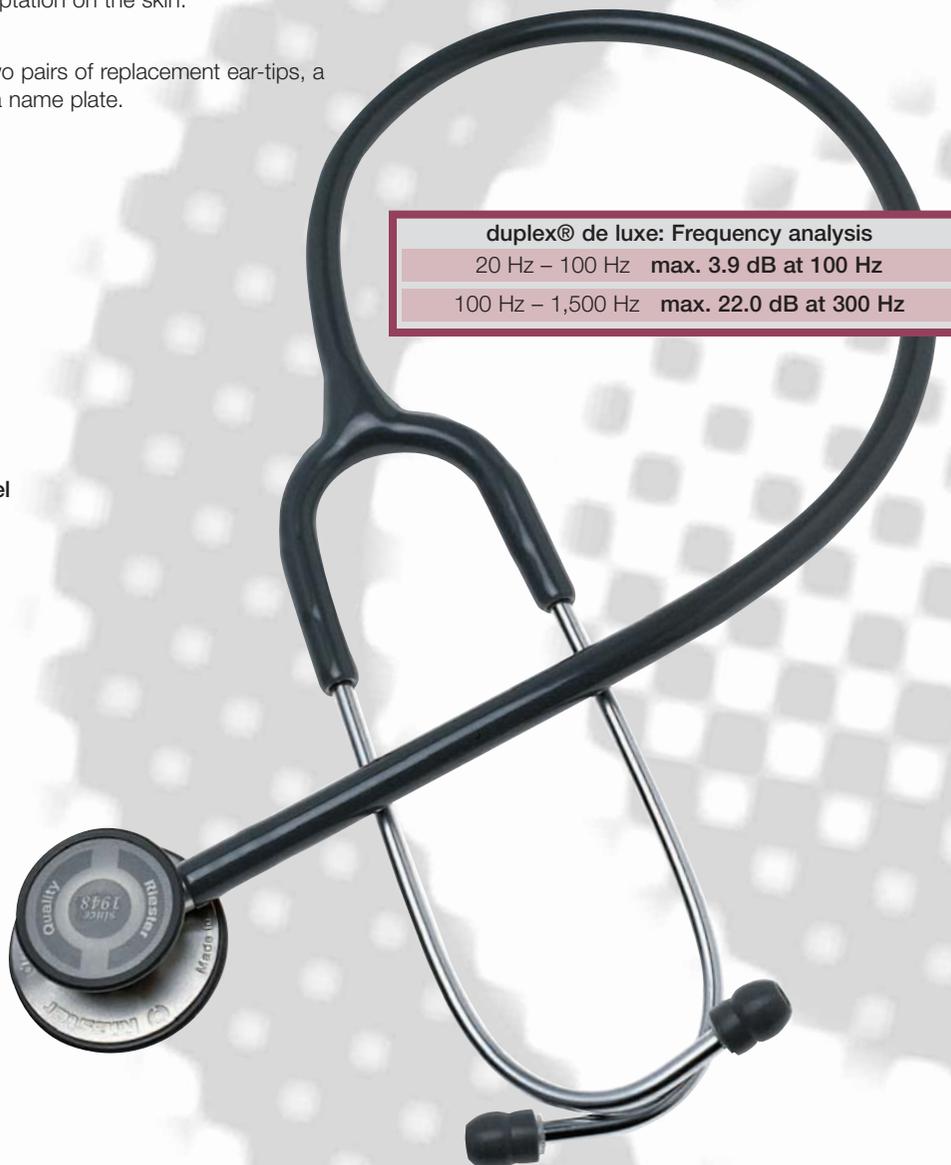


duplex® de luxe is available in five attractive colours.

duplex® de luxe: Frequency analysis

20 Hz – 100 Hz max. 3.9 dB at 100 Hz

100 Hz – 1,500 Hz max. 22.0 dB at 300 Hz



duplex® de luxe baby

The quality stethoscope **duplex® de luxe baby** has been developed specially **for babies and children**. The precision finishing of the double-headed chest-piece guarantees **high acoustic performance**.

- **Precision double-headed chest-piece** made of **stainless steel**.
- Special membranes, Ø 36 mm, with particularly flat and soft non-chill rims for improved adaptation on the skin.
- Bell, Ø 28 mm.
- Overall length: 76,5 cm.
- duplex® de luxe baby is supplied with two pairs of replacement ear-tips, a replacement membrane each and a name plate.

Order number duplex® de luxe baby:

■ **No. 4042** blue

duplex® de luxe baby: Frequency analysis

20 Hz – 100 Hz max. 3.85 dB at 100 Hz

100 Hz – 1,500 Hz max. 14.3 dB at 300 Hz



The high-quality finish bell permits the precise auscultation of children and babies.



duplex® de luxe neonatal

The precision-finished double-headed chest-piece of the **duplex® de luxe neonatal** permits **perfect auscultation of newborn babies and infants**.

- Specially small **precision chest-piece** made of **stainless steel** specially for newborn babies and infants.
- Special membranes, Ø 28 mm, with particularly flat and soft non-chill rims for improved adaptation on the skin.
- Bell, Ø 22 mm.
- Overall length: 76 cm.
- duplex® de luxe neonatal is supplied with two pairs of replacement ear-tips, a replacement membrane each and a name plate.

Order number duplex® de luxe neonatal:

■ **No. 4052** blue

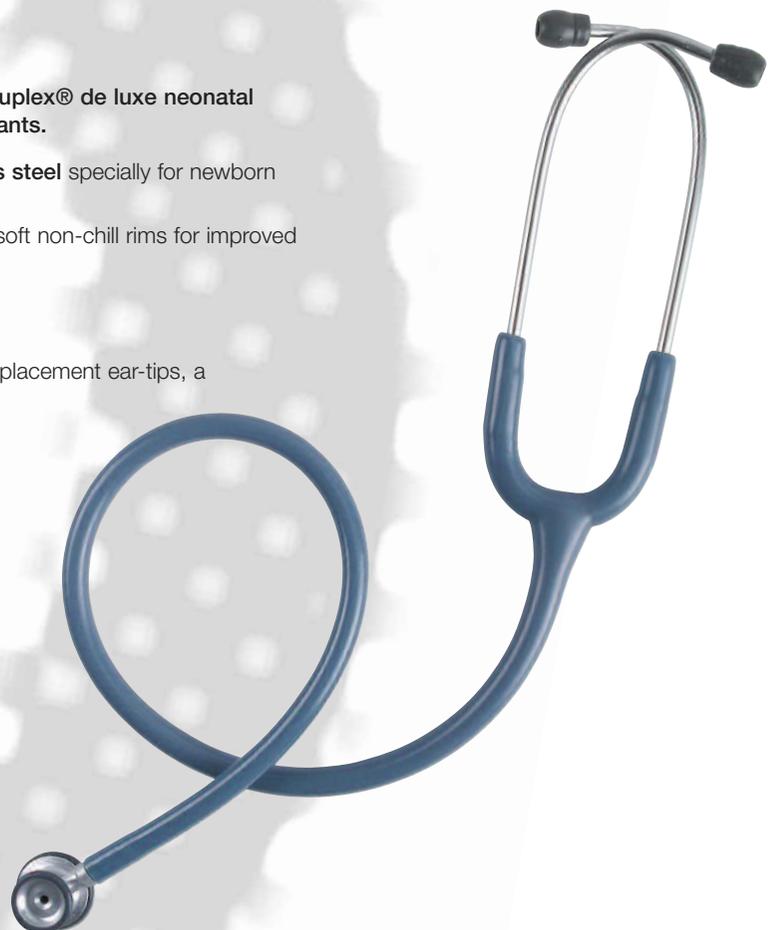
duplex® de luxe neonatal: Frequency analysis

20 Hz – 100 Hz max. 1.2 dB at 55 Hz

100 Hz – 1,500 Hz max. 8.5 dB at 300 Hz



The small special membrane with especially soft non-chill rim has been developed for the auscultation of infants.



duplex®-family

The duplex®-family from Riester. The duplex®-stethoscopes from Riester impress through **first-class quality at an attractive price**. They offer practical solutions for the daily challenges encountered in office practices and hospitals. **Considerably improved acoustic performance**.

- Precision double chest-piece for perfect auscultation, with Riester special membranes and bells.
- Matt chromium-plated binaural, which can be adjusted by turning. With external spring.
- Soft, replaceable ear-tips for comfortable and effective sealing of the external auditory canal.
- Strong Y-tube made of PVC to shield against undesired stray sounds.
- Latex-free.



All duplex®-stethoscopes are supplied in a handy cardboard display box with replacement parts.

duplex®

duplex® is the **high-grade Riester quality stethoscope with precision double chest-piece**. The **acoustic performance** has been **considerably improved**.

- **Double-headed chest-piece** available in two types: **chromium-plated brass** or specially lightweight **aluminium, galvanized**.
- Special membrane for perfect auscultation, Ø 48 mm, with particularly flat and soft non-chill rims for improved adaptation on the skin.
- Bell, Ø 36 mm.
- Overall length: 77 cm.
- duplex® is supplied with a pair of replacement ear-tips and a replacement membrane.

Order numbers duplex®:

Aluminium chest-piece

- No. 4001-01 black
- No. 4001-02 slate grey
- No. 4031-03 blue
- No. 4035-04 saffron
- No. 4033-05 green

Chest-piece made of chromium-plated brass

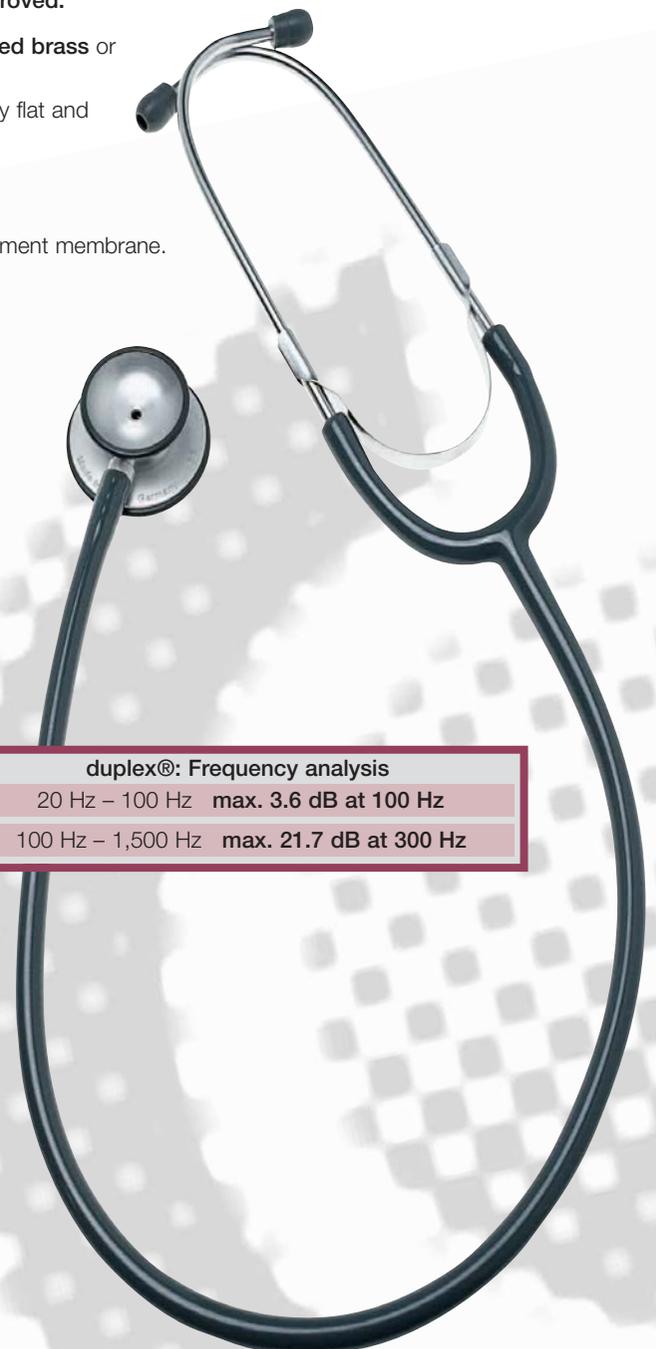
- No. 4011-01 black
- No. 4011-02 slate grey
- No. 4011-03 blue
- No. 4011-04 saffron
- No. 4011-05 green



duplex® is available in five attractive colours.



Riester special membranes are extraordinarily durable and permit perfect auscultation.



duplex®: Frequency analysis

20 Hz – 100 Hz max. 3.6 dB at 100 Hz

100 Hz – 1,500 Hz max. 21.7 dB at 300 Hz

duplex® baby

duplex® baby is a high-grade quality product from the Riester company. The stethoscope with double chest-piece was especially developed for **babies and children**. **Considerably improved acoustics.**

- Particularly light precision **chest-piece made of aluminium.**
- Special membrane, Ø 36 mm, with particularly flat and soft non-chill rims for improved adaptation on the skin.
- Bell, Ø 28 mm.
- Overall length: 76.5 cm.
- duplex® baby is supplied with a pair of replacement ear-tips and a replacement membrane.

Order number duplex® baby:

■ No. 4041 blue

duplex® baby: Frequency analysis

20 Hz – 100 Hz max. 3.85 dB at 100 Hz

100 Hz – 1,500 Hz max. 14.3 dB at 300 Hz



duplex® baby is fitted with the Riester special membrane.

duplex® neonatal

duplex® neonatal is a quality stethoscope with precision finished double chest-piece **for new-born children and infants**. **With considerably improved acoustics.**

- Particularly small **precision chest-piece** made of **aluminium** especially for new-born children and infants.
- Special membrane, Ø 28 mm, with particularly flat and soft non-chill rims for improved adaptation on the skin.
- Bell, Ø 22 mm.
- Overall length: 76 cm.
- duplex® neonatal is supplied with a pair of replacement ear-tips and a replacement membrane.

Order number duplex® neonatal:

■ No. 4051 blue

duplex® neonatal: Frequency analysis

20 Hz – 100 Hz max. 1.2 dB at 55 Hz

100 Hz – 1,500 Hz max. 8.5 dB at 300 Hz



Specially small membrane for optimal auscultation of newborn babies.

duplex® Teaching Stethoscope

The **duplex® Teaching Stethoscope** with double chest-piece and **two binaural** has been developed especially for teaching purposes. It is excellently suited for **auscultation by two individuals**. **Considerably improved acoustic performance.**

- **Double-headed chest-piece** made of **stainless steel.**
- Matt chromium plated binaural with integrated spring.
- Special membrane, Ø 48 mm, with particularly flat and soft non-chill rims for improved adaptation on the skin.
- Bell, Ø 36 mm.
- Overall length: 115 cm.
- duplex® Teaching Stethoscope is supplied with two pairs of replacement ear-tips and a replacement membrane.

Order number: duplex® Teaching Stethoscope

■ No. 4002-02 slate grey



tristar®

The high quality stethoscope **tristar®** with **three different sized double chest-pieces** for adults, children/babies and new-born children is outstandingly suitable for **perfect auscultation in all frequency ranges**. Considerably improved acoustic performance in all areas of application.

- **Double chest-pieces** for duplex®, duplex® baby and duplex® neonatal made of **aluminium** with practical **rapid-exchange connector**.
- Special membranes, Ø 48 mm, 36 mm, 28 mm, for first-class acoustics.
- Particularly flat and soft non-chill rims for improved adaptation on the skin.
- Bells Ø 36 mm, 28 mm, 24 mm.
- Matt chromium-plated binaural with integrated reinforced double-spring.
- Optimal sealing of the external auditory canal with soft, replaceable ear-tips.
- Particularly strong Y-tube made of PVC for optimal acoustics to shield against undesired stray sounds.
- Overall length: 79 cm, 78.5 cm, 78 cm.
- Latex-free.
- tristar® is supplied with two pairs of replacement ear-tips, a replacement membrane each and a name plate.



Order numbers tri-star®:

- No. 4091 slate grey
- No. 4093 blue



tristar® is supplied in a practical cardboard display box with replacement parts box.



The three double chest-pieces for adults, children/babies and infants permit perfect auscultation in all areas of application.



anestophon®

The **anestophon®** sets high standards! The innovative stethoscope especially for nurses and nursing personnel is fitted with a **completely new developed aluminium chest-piece** – for **particular comfort when taking blood pressure measurements**. The acoustic performance has been enormously improved in the relevant frequency range. This stethoscope provides **extra-ordinary high standards of quality at an attractive price**.

- Ergonomic handling thanks to novel design: extra-ordinarily flat **aluminium chest-piece** without edges, easy to push under the cuff when measuring blood pressure.
- Special membrane, Ø 48 mm, with particularly flat and soft non-chill rims for improved adaptation on the skin.
- Matt chromium-plated binaural, which can be adjusted by turning.
- Soft, replaceable ear-tips for comfortable and effective sealing of the external auditory canal.
- Reinforced Y-tube made of PVC to shield against disturbing stray sounds.
- Overall length: 77 cm.
- Latex-free.
- The anestophon® is supplied in a cardboard display box with a pair of replacement ear-tips and a replacement membrane.

Order numbers anestophon®:

- No. 4177-01 black
- No. 4177-02 slate grey
- No. 4177-03 blue
- No. 4177-04 saffron
- No. 4177-05 green



anestophon®: Frequency analysis

100 Hz – 1,500 Hz
max. 15.5 dB at 300 Hz



All anestophon® stethoscopes are supplied in a convenient display box with replacement parts.



Particularly flat aluminium chest-piece for simple blood pressure measurement.

ri-rap®

The **universal stethoscope ri-rap®** with double chest-piece and **double tube system** convinces by its **flexible range of applications**. **Very good acoustics** in all frequency ranges.

- Strong double tube with separate sound-conducting pathways for the left and right ears guarantees extra-ordinary audio-conductivity.
- Alternatively **with 40 cm or 80 cm tube length**.
- Heavy **chromium-plated double chest-piece** with two membrane sides, Ø 45 mm and 32 mm.
- Special membranes with surface structure to adapt better to the skin.
- Both membrane sides can be simply and quickly refitted with the enclosed bells (Ø 33.5 mm, 27.3 mm, 20.3 mm) with the screw connections.
- Replacement parts box: three bells, each with a transparent membrane, two pairs of replacement ear-tips.

Order numbers ri-rap®:

Tube length 40 cm

- No. 4150-01 black
- No. 4150-02 slate grey
- No. 4150-03 blue
- No. 4150-04 saffron
- No. 4150-05 green



ri-rap® is supplied complete in a high quality cardboard display box with practical replacement parts box.

Tube length 80 cm

- No. 4155-01 black
- No. 4155-02 slate grey
- No. 4155-03 blue
- No. 4155-04 saffron
- No. 4155-05 green



ri-rap®: Frequency analysis

Membrane large max. 8 dB at 100 - 1500 Hz

Membrane small max. 2,9 dB at 100 Hz

ri-rap®: Frequency analysis

Bell Ø 20,3 mm max. 5,2 dB at 100 Hz

Bell Ø 27,3 mm max. 2,35 dB at 100 Hz

Bell Ø 33,5 mm max. 3,8 dB at 100 Hz

pinard

The pinard special stethoscope is used to auscultate the heart sounds of the embryo in the womb. The shape of the bell provides the particularly good acoustics.

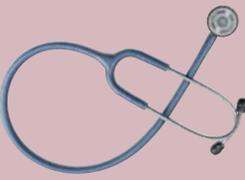
- Available in two models:
 - sturdy plastic or
 - particularly lightweight aluminium.
- Supplied in a cardboard box.

Order numbers pinard:

- No. 4190 Plastic
- No. 4191 Aluminium



Accessories

				
	cardiophon	duplex® de luxe	duplex® de luxe baby	duplex® de luxe neonatal
 Binaural with ear-tips and tube, latex-free	<i>Binaural stainless steel, integrated spring, twin-channel tube</i> No. 11075-01 black No. 11075-02 slate grey No. 11075-03 blue	<i>Binaural chromium-plated, integrated spring, Y-tube</i> No. 11067-01 black No. 11067-02 slate grey No. 11067-03 blue No. 11067-04 saffron No. 11067-05 green	<i>Binaural chromium-plated, integrated spring, Y-tube</i> No. 11067-03 blue	<i>Binaural chromium-plated, integrated spring, Y-tube</i> No. 11067-03 blue
 Binaural with ear-tips, without tube				
 Tubes, latex-free				
 Double-headed chest-pieces	No. 11022 stainless steel	No. 11011 aluminium No. 11012 stainless steel	No. 11016 stainless steel	No. 11019 stainless steel
 Ear-tips pack of 10	No. 11139 soft, grey	No. 11139 soft, grey	No. 11139 soft, grey	No. 11139 soft, grey
 Membranes, printed pack of 10	No. 11042 Ø 45 mm No. 11050 Ø 34 mm, drilled open	No. 11042 Ø 45 mm No. 11050 Ø 34 mm, drilled open	No. 11052 Ø 34 mm	No. 11051 Ø 26 mm
 Soft non-chill rims	No. 11140 Ø 48 mm, membrane side No. 11141 Ø 35,8 mm, bell side	No. 11140 Ø 48 mm, membrane side No. 11141 Ø 35,8 mm, bell side	No. 11141 Ø 35,8 mm, membrane side No. 11143 Ø 28 mm, bell side	No. 11143 Ø 28 mm, membrane side No. 11144 Ø 22 mm, bell side
 Name plate pack of 10	No. 11147	No. 11147	No. 11147	No. 11147

			
duplex®	duplex® baby	duplex® neonatal	duplex® Teaching stethoscope
<i>Binaural chromium-plated, external spring, Y-tube</i> No. 11065-01 black No. 11065-02 slate grey No. 11060-03 blue No. 11062-04 saffron No. 11061-01 green	<i>Binaural chromium-plated, external spring, Y-tube</i> No. 11065-01 black No. 11065-02 slate grey No. 11060-03 blue No. 11062-04 saffron No. 11061-01 green	<i>Binaural chromium-plated, external spring, Y-tube</i> No. 11065-01 black No. 11065-02 slate grey No. 11060-03 blue No. 11062-04 saffron No. 11061-01 green	
<i>Binaural chromium-plated, external spring</i> No. 11080	<i>Binaural chromium-plated, external spring</i> No. 11080	<i>Binaural chromium-plated, external spring</i> No. 11080	
<i>Y-tube</i> No. 11095-01 black No. 11094-02 slate grey No. 11096-03 blue No. 11098-04 saffron No. 11097-05 green	<i>Y-tube</i> No. 11095-01 black No. 11094-02 slate grey No. 11096-03 blue No. 11098-04 saffron No. 11097-05 green	<i>Y-tube</i> No. 11095-01 black No. 11094-02 slate grey No. 11096-03 blue No. 11098-04 saffron No. 11097-05 green	
No. 11008 aluminium No. 11010 chromium-plated	No. 11015 aluminium	No. 11018 aluminium	No. 11009 stainless steel
No. 11139 soft, grey	No. 11139 soft, grey	No. 11139 soft, grey	No. 11139 soft, grey
No. 11042 Ø 45 mm	No. 11052 Ø 34 mm	No. 11051 Ø 26 mm	No. 11042 Ø 45 mm No. 11050 Ø 34 mm, drilled open
No. 11140 Ø 48 mm, membrane side No. 11141 Ø 35,8 mm, bell side	No. 11141 Ø 35,8 mm, membrane side No. 11143 Ø 28 mm, bell side	No. 11143 Ø 28 mm, membrane side No. 11144 Ø 22 mm, bell side	No. 11140 Ø 48 mm, membrane side No. 11141 Ø 35,8 mm, bell side
No. 11147	No. 11147	No. 11147	No. 11147

Accessories



	tristar®	anestophon®	ri-rap®
<p>Binaural with ear-tips and tube, latex-free</p>	<p><i>Binaural chromium-plated, integrated spring, Y-tube, with connector</i> No. 11068-02 slate grey No. 11068-03 blue</p>	<p><i>Binaural chromium-plated, external spring, Y-tube</i> No. 11065-01 black No. 11065-02 slate grey No. 11060-03 blue No. 11062-04 saffron No. 11061-01 green</p>	<p><i>Binaural chromium-plated, external spring, double tube</i> 40 cm No. 11070-01 black No. 11070-02 slate grey No. 11070-03 blue No. 11070-04 saffron No. 11070-05 green 80 cm No. 11071-01 black No. 11071-02 slate grey No. 11071-03 blue No. 11071-04 saffron No. 11071-05 green</p>
<p>Binaural with ear-tips, without tube</p>		<p><i>Binaural chromium-plated, external spring</i> No. 11080</p>	<p><i>Binaural chromium-plated, external spring</i> No. 11083</p>
<p>Tubes, latex-free</p>		<p><i>Y-tube</i> No. 11095-01 black No. 11094-02 slate grey No. 11096-03 blue No. 11098-04 saffron No. 11097-05 green</p>	<p><i>2 tubes with clamp</i> 40 cm No. 11090-01 black No. 11090-02 slate grey No. 11090-03 blue No. 11090-04 saffron No. 11090-05 green 80 cm No. 11091-01 black No. 11091-02 slate grey No. 11091-03 blue No. 11091-04 saffron No. 11091-05 green</p>
<p>Double-headed chest-pieces</p>	<p><i>with rapid-exchange connector.</i> No. 11035 aluminium, large No. 11036 aluminium, medium No. 11038 aluminium, small</p>	<p>No. 11032 aluminium, single-headed chest-piece</p>	<p>No. 11027 chromium-plated</p>
<p>Ear-tips pack of 10</p>	<p>No. 11139 soft, grey</p>	<p>No. 11139 soft, grey</p>	<p>No. 11107 hard, black No. 11106 soft, black No. 11108 soft, transparent</p>
<p>Membranes, printed pack of 10</p>	<p><i>large</i> No. 11042 Ø 45 mm <i>medium</i> No. 11052 Ø 34 mm <i>small</i> No. 11051 Ø 26 mm</p>	<p>No. 11042 Ø 45 mm</p>	<p>No. 11049 Ø 40,5 mm, not printed No. 11048 Ø 27,5 mm, not printed</p>
<p>Soft non-chill rims</p>	<p><i>large</i> No. 11140 Ø 48 mm, membrane side Ø 35,8 mm, bell side <i>medium</i> No. 11141 Ø 35,8 mm, membrane side Ø 28 mm, bell side <i>small</i> No. 11143 Ø 28 mm, membrane side Ø 22 mm, bell side No. 11144</p>	<p>No. 11140 Ø 48 mm</p>	
<p>Replacement parts set, ri-rap®</p>			<p><i>3 bells, 2 membranes, 2 pairs of ear-tips</i> No. 11120</p>
<p>Bell attachments, plastic black</p>			<p>No. 11122 large No. 11124 medium No. 11123 small</p>
<p>Name plate pack of 10</p>	<p>No. 11147</p>	<p>No. 11147</p>	<p>No. 11147</p>

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