



The familiar way



**Sensitivity** is the basis of  
**accurate perception.**

Stethoscopes

# stethoscopes

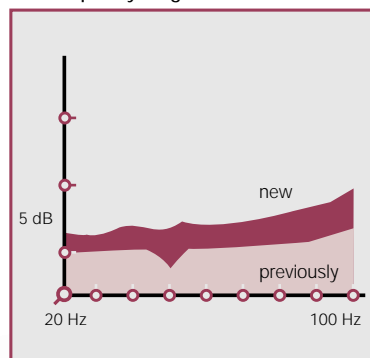
**Riester Stethoscopes – there's simply more to hear.** Since 1948 the name Riester has stood for the highest quality products, wide-ranging experience in development and production and a commitment to constant improvement. Selected materials and first-class workmanship ensure perfect auscultation and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

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

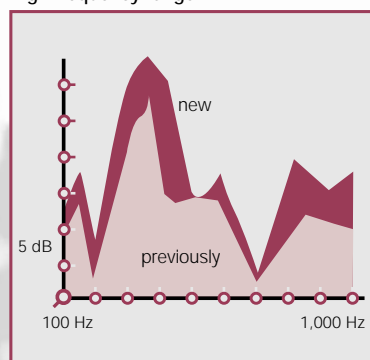
- **Considerable acoustic improvement** on the basis of intensive development work. Current measurement protocols show: The newest Riester generation of stethoscopes has unique acoustic characteristics in comparison to all other models measured.
- **Large selection:** The range extends from the cardiology 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 with metal screw thread** 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 with metal screw thread 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 with metal screw thread 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.

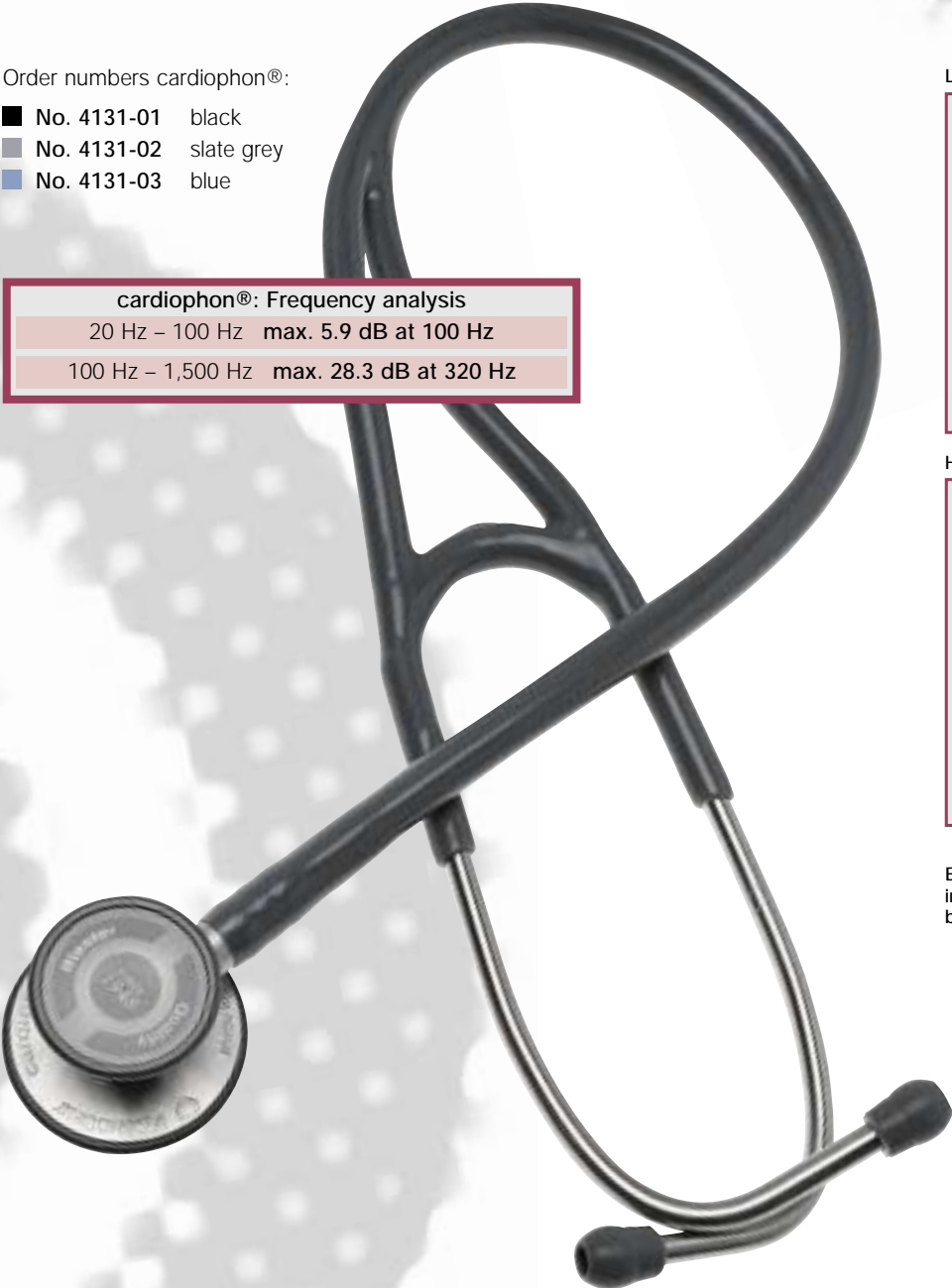
Order numbers cardiophon®:

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

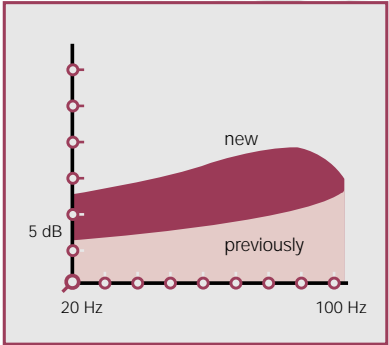
cardiophon®: Frequency analysis		
20 Hz – 100 Hz	max. 5.9 dB at 100 Hz	
100 Hz – 1,500 Hz	max. 28.3 dB at 320 Hz	



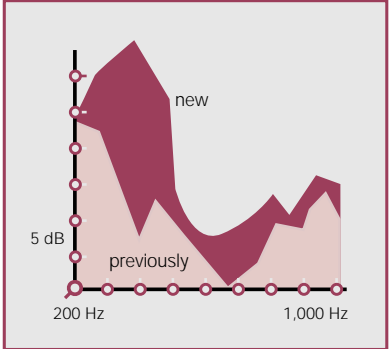
cardiophon® is supplied in high-quality display packaging with a replacement parts box.



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 with metal screw thread 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

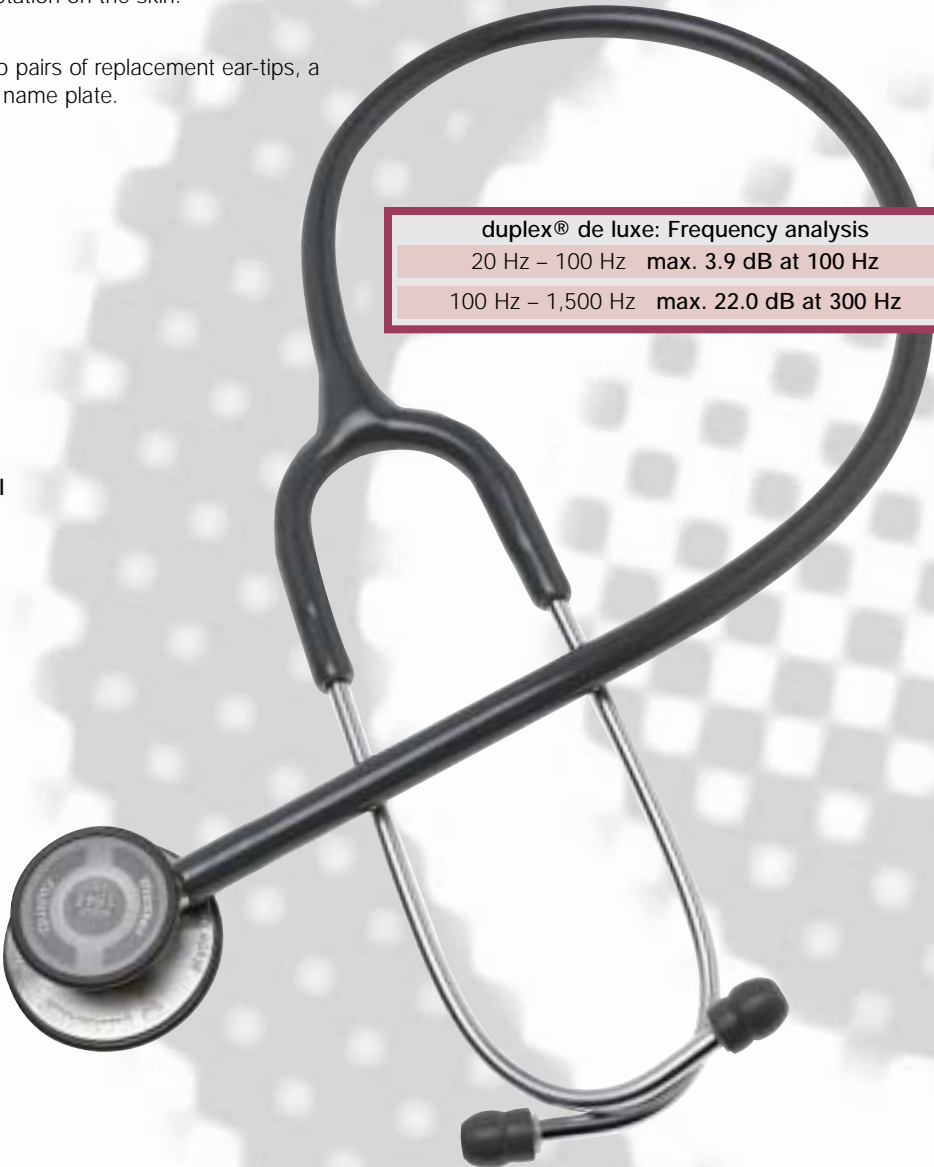
### Chest-piece made of stainless steel

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

duplex® de luxe: 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 is available in five attractive colours.






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.

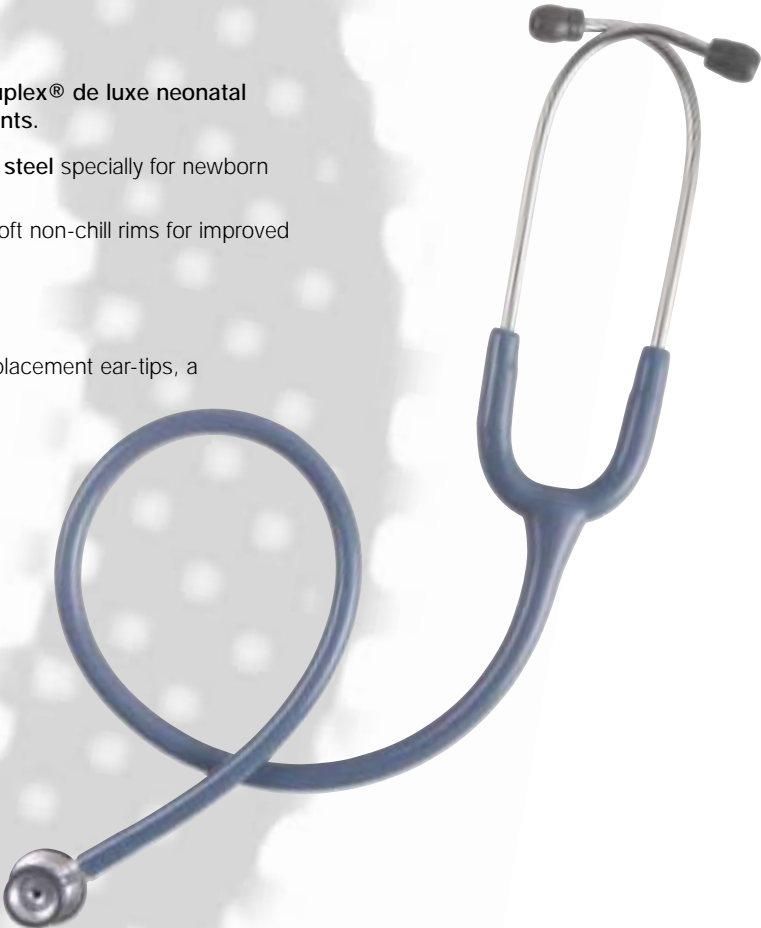
Order number duplex® de luxe neonatal:

 **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 with metal screw thread 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

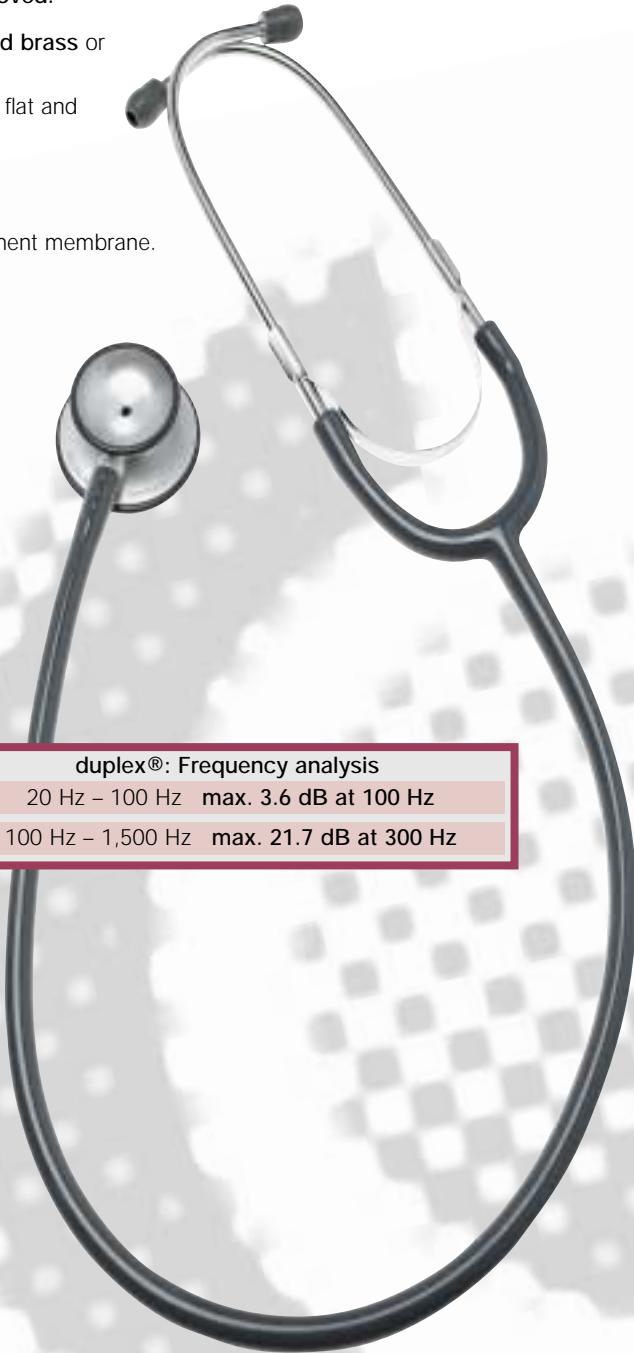
- |               |            |
|---------------|------------|
| ■ No. 4011-01 | black      |
| ■ No. 4011-02 | slate grey |
| ■ No. 4011-03 | blue       |
| ■ No. 4011-04 | saffron    |
| ■ No. 4011-05 | green      |



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® 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



## duplex® neonatal

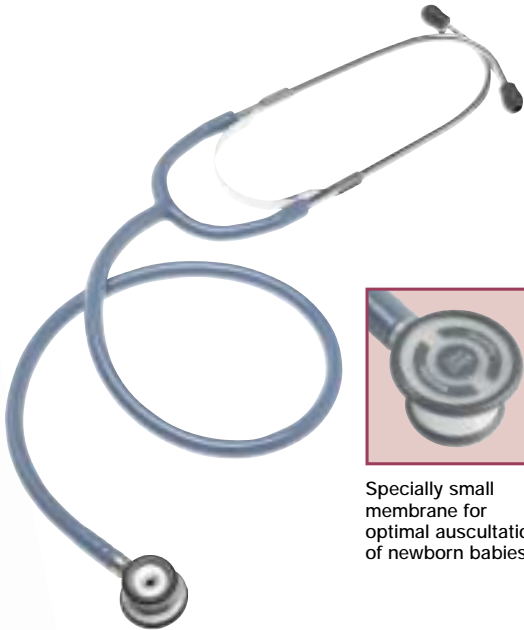
**duplex® neonatal** is a quality stethoscope with precision finished double chest-piece for new-born children and infants. With considerably improved acoustics.

- 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.

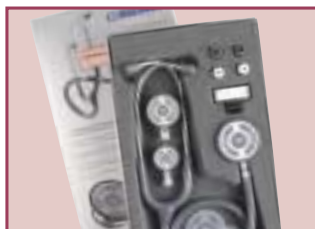
## tristar®

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 with metal screw thread.
- 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 28 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 with metal screw thread 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



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



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



### anestophon®: Frequency analysis

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





## 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

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



## 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.





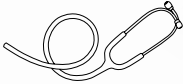







- Available in two models:
  - sturdy plastic or
  - particularly lightweight aluminium.
- Supplied in a cardboard box.




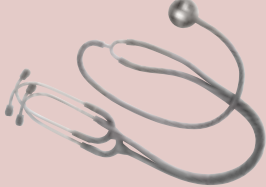
Order numbers pinard:

No. 4190	Plastic
No. 4191	Aluminium







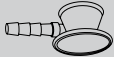








Accessories

				
	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. 11008 aluminium No. 11009 stainless steel	No. 11016 stainless steel	No. 11019 stainless steel
 Ear-tips pack of 10	No. 11139 soft, grey	No. 11139 soft, grey No. 11110 hard, white	No. 11139 soft, grey No. 11110 hard, white	No. 11139 soft, grey No. 11110 hard, white
 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

			
<b>duplex®</b>	<b>duplex® baby</b>	<b>duplex® neonatal</b>	<b>duplex® Teaching stethoscope</b>
<i>Binaural chromium-plated, external spring, Y-tube</i> <b>No. 11065-01</b> black <b>No. 11065-02</b> slate grey <b>No. 11060-03</b> blue <b>No. 11062-04</b> saffron <b>No. 11061-01</b> green	<i>Binaural chromium-plated, external spring, Y-tube</i> <b>No. 11065-01</b> black <b>No. 11065-02</b> slate grey <b>No. 11060-03</b> blue <b>No. 11062-04</b> saffron <b>No. 11061-01</b> green	<i>Binaural chromium-plated, external spring, Y-tube</i> <b>No. 11065-01</b> black <b>No. 11065-02</b> slate grey <b>No. 11060-03</b> blue <b>No. 11062-04</b> saffron <b>No. 11061-01</b> green	
<i>Binaural chromium-plated, external spring</i> <b>No. 11080</b>	<i>Binaural chromium-plated, external spring</i> <b>No. 11080</b>	<i>Binaural chromium-plated, external spring</i> <b>No. 11080</b>	
<i>Y-tube</i> <b>No. 11095-01</b> black <b>No. 11094-02</b> slate grey <b>No. 11096-03</b> blue <b>No. 11098-04</b> saffron <b>No. 11097-05</b> green	<i>Y-tube</i> <b>No. 11095-01</b> black <b>No. 11094-02</b> slate grey <b>No. 11096-03</b> blue <b>No. 11098-04</b> saffron <b>No. 11097-05</b> green	<i>Y-tube</i> <b>No. 11095-01</b> black <b>No. 11094-02</b> slate grey <b>No. 11096-03</b> blue <b>No. 11098-04</b> saffron <b>No. 11097-05</b> green	
<b>No. 11008</b> aluminium <b>No. 11010</b> chromium-plated	<b>No. 11015</b> aluminium	<b>No. 11018</b> aluminium	<b>No. 11009</b> stainless steel
<b>No. 11139</b> soft, grey <b>No. 11110</b> hard, white	<b>No. 11139</b> soft, grey <b>No. 11110</b> hard, white	<b>No. 11139</b> soft, grey <b>No. 11110</b> hard, white	<b>No. 11139</b> soft, grey <b>No. 11110</b> hard, white
<b>No. 11042</b> Ø 45 mm	<b>No. 11052</b> Ø 34 mm	<b>No. 11051</b> Ø 26 mm	<b>No. 11042</b> Ø 45 mm <b>No. 11050</b> Ø 34 mm, drilled open
<b>No. 11140</b> Ø 48 mm, membrane side <b>No. 11141</b> Ø 35,8 mm, bell side	<b>No. 11141</b> Ø 35,8 mm, membrane side <b>No. 11143</b> Ø 28 mm, bell side	<b>No. 11143</b> Ø 28 mm, membrane side <b>No. 11144</b> Ø 22 mm, bell side	<b>No. 11140</b> Ø 48 mm, membrane side <b>No. 11141</b> Ø 35,8 mm, bell side
<b>No. 11147</b>	<b>No. 11147</b>	<b>No. 11147</b>	<b>No. 11147</b>

## Accessories

			
	<b>tristar®</b> <i>Binaural chromium-plated, integrated spring, Y-tube, with connector</i> No. 11068-02 slate grey No. 11068-03 blue	<b>anestophon®</b> <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	<b>ri-rap®</b> <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
 Binaural with ear-tips and tube, latex-free			
 Binaural with ear-tips, without tube		<i>Binaural chromium-plated, external spring</i> No. 11080	<i>Binaural chromium-plated, external spring</i> No. 11083
 Tubes, latex-free		<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>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
 Double-headed chest-pieces	<i>with rapid-exchange connector.</i> No. 11035 aluminium, large No. 11036 aluminium, medium No. 11038 aluminium, small	No. 11032 aluminium, single-headed chest-piece	No. 11027 chromium-plated
 Ear-tips pack of 10	No. 11139 soft, grey No. 11110 hard, white	No. 11139 soft, grey No. 11110 hard, white	No. 11107 hard, black No. 11106 soft, black No. 11108 soft, transparent
 Membranes, printed pack of 10	<i>large</i> No. 11042 Ø 45 mm <i>medium</i> No. 11052 Ø 34 mm <i>small</i> No. 11051 Ø 26 mm	No. 11042 Ø 45 mm	No. 11049 Ø 40,5 mm, not printed No. 11048 Ø 27,5 mm, not printed
 Soft non-chill rims	<i>large</i> No. 11140 Ø 48 mm, membrane side No. 11141 Ø 35,8 mm, membrane side Ø 28 mm, bell side <i>medium</i> No. 11141 Ø 35,8 mm, membrane side No. 11143 Ø 28 mm, membrane side Ø 22 mm, bell side <i>small</i> No. 11143 Ø 28 mm, membrane side No. 11144 Ø 22 mm, membrane side Ø 22 mm, bell side	No. 11140 Ø 48 mm	
 Replacement parts set, ri-rap®			3 bells, 2 membranes, 2 pairs of ear-tips No. 11120
 Bell attachments, plastic black			No. 11122 large No. 11124 medium No. 11123 small
 Name plate pack of 10	No. 11147	No. 11147	No. 11147

