

cardiophon 2.0
duplex® 2.0



Perfect auscultation through research
and **development.**

STETHOSCOPES

Riester Stethoscopes 2.0 – simply better hearing!

60 years of experience in developing and manufacturing of stethoscopes, paired with the innovation power and the uncompromisingly high standard of quality of a globally successful company allowed **Riester** to set a new standard for stethoscopes. The completely new constructed **cardiophon 2.0** and **duplex® 2.0** assign nothing less than a quantum leap in the quality of acoustics.

Experience in manufacturing of stethoscopes over decades and out of the box thinking went hand in hand while constructing **cardiophon 2.0** and **duplex® 2.0** completely new. So it is the result of innovative detail solutions, which in the end lead to an outstanding product.

Acoustic performance

The design of the novel chestpiece, which is signed in for utility patent, is the centrepiece of the **cardiophon 2.0** and **duplex® 2.0**. Sound pick-up and sound transmission have been thoroughly reworked and added to a new overall concept, which sustains any comparisons with regard to its acoustic performance.

Auscultation is significantly disturbed by interfering side noise. Therefore during the construction phase of the **cardiophon 2.0** and the **duplex® 2.0** special attention has been paid to the design of the binaural and the ear-tips. The contact pressure of the binaural can be adjusted individually; the ear-tips are pivotable and made of extra-soft material. Altogether the ear canal is perfectly sealed against external side noise. In addition, disturbing noise due to the friction between the ear-tips and the ear will be avoided, even if the stethoscope is moving.

Quality

Riester stethoscopes are manufactured to an uncompromisingly high quality standard. The production of the binaural for example is automated. This guarantees a perfect fit of the binaural at the ear. The chest-pieces are manufactured using latest CNC-technology to minimize any tolerances – a precondition which only then allowed to develop the novel sound pick-up system of **cardiophon 2.0** and **duplex® 2.0**. The continuously high level of quality is guaranteed by multiple quality checks within the scope of our quality management according to ISO 9001. Quality made in Germany

Wear comfort

Special importance has been attached to the wear comfort of the stethoscope as it is carried by its user all day long. One important factor is the low weight of **cardiophon 2.0** and **duplex® 2.0**, which has been achieved by special manufacturing techniques and selected materials. Furthermore an unparalleled wear comfort is guaranteed by the perfect fit of the binaural with adjustable contact pressure as well as pivotable ear-tips.





duplex® 2.0 baby

The new duplex® 2.0 baby has been developed specially for babies and children. The precision finishing of the double chest-piece guarantees high acoustic performance.

- Precision double chest-piece made of stainless steel.
- Special membrane for precise acoustics, Ø 32 mm, with novel non-chill rims for improved adaptation on the skin.
- Bell: Ø 23,5 mm
- Total length: 69 cm
- Weight: 124 g
- Latex-free

The 2.0 baby is supplied with one pair of replacement ear-tips, a replacement membrane and a name plate.

Order information duplex® 2.0 baby

No. 4220-02 white

No. 4220-04 red

No. 4220-05 green



duplex® 2.0 neonatal

The double chest-piece with extra-fine finishing of the new duplex® 2.0 neonatal permits perfect auscultation of new-borns and babies.

- Extra-fine precision double chest-piece made of stainless steel.
- Special membrane for precise acoustics, Ø 24 mm, with novel non-chill rims for improved adaptation on the skin.
- Bell: Ø 17,5mm
- Total length: 69 cm
- Weight: 105 g
- Latex-free.

The duplex® 2.0 neonatal is supplied with one pair of replacement ear-tips, a replacement membrane and a name plate.

Order information duplex® 2.0 neonatal

No. 4230-02 white

No. 4230-04 red

No. 4230-05 green

duplex® 2.0

PRODUCT CHARACTERISTICS

ACCESSORIES



Binaural with ear-tips and tube, latex-free	<p>cardiophon 2.0 integrated spring, twin-channel tube</p> <p>No. 13220 black No. 13221 white No. 13222 blue</p>	<p>duplex® 2.0 Binaural chromium-plated, integrated spring, Y-tube</p> <p>No. 13223 black No. 13224 white No. 13225 blue No. 13226 red No. 113227 green No. 113228 black alu edition</p>	<p>duplex® 2.0 baby Binaural chromium-plated, integrated spring, Y-tube</p> <p>No. 13224 white No. 13226 red No. 13227 green</p>	<p>duplex® 2.0 neonatal Binaural chromium-plated, integrated spring, Y-tube</p> <p>No. 13224 white No. 13226 red No. 13227 green</p>
Binaural with ear-tips, without tube				
Tubes, latex-free				
Double-headed chest-pieces	<p>No. 13229 stainless steel</p>	<p>No. 13230 Aluminium No. 13231 stainless steel No. 13232 Aluminium black</p>	<p>No. 13233 stainless steel</p>	<p>No. 13234 stainless steel</p>
Ear-tips pack of 10	<p>No. 13235 soft, black</p>	<p>No. 13235 soft, black</p>	<p>No. 13235 soft, black</p>	<p>No. 13235 soft, black</p>
Membranes, printed pack of 10	<p>No. 13236 Ø 44 mm No. 13237 Ø 32 mm, bored up</p>	<p>No. 13236 Ø 44 mm</p>	<p>No. 13238 Ø 32 mm</p>	<p>No. 13239 Ø 24 mm</p>
Soft non-chill rims	<p>No. 13240 Ø 52 mm, Membrane side No. 13241 Ø 38 mm, Bell side</p>	<p>No. 13240 Ø 52 mm, Membrane side No. 13241 Ø 38 mm, Bell side</p>	<p>No. 11141 Ø 35,8 mm, Membrane side No. 11143 Ø 28 mm, Bell side</p>	<p>No. 11143 Ø 28 mm, Membrane side No. 11144 Ø 22 mm, Bell side</p>
Name plate pack of 10	<p>No. 11147</p>	<p>No. 11147</p>	<p>No. 11147</p>	<p>No. 11147</p>