Gebrauchsanweisung
Aneroid Blutdruckmessgerät und Manschette

Instructions
Aneroid Sphygmomanometers and Cuffs

Mode d' emploi
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Esfigmomanómetros aneroides y brazaletes

инструкция по эксплуатации
Анероидные тонометры и манжеты

Istruzioni per l' uso
Sfigmomanometri aneroidi e bracciali

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Riester

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English

Information on the variousmodels of Riester aneroid sphygmomanometers

You have acquired a high-quality **Riester** precision aneroid sphygmomanometer, which has been manufactured in accordance with the ISO 81060-1: 2007 standard (DIN EN ISO 81060-1: 2013) and is subject to the strictest quality controls. The excellent quality will guarantee years of reliable measurements.

Intended purpose: The aneroid sphygmomanometers from **Riester** are used by physicians and persons trained in auscultatory blood pressure measurement to determine the systolic and diastolic blood pressure in humans (adults, children, babies and neonates). **Riester** aneroid sphygmomanometers are intended exclusively for blood pressure measurement on healthy skin on the upper arm or thigh. The product is normally used professionally in a medical practice or a hospital. The sphygmomanometer/aneroid manometer is intended for use as a diagnostic aid.

Product description / indication: All blood pressure measuring devices / aneroid manometers distributed by company **Rudolf Riester GmbH** are of the same basic structure. Blood Pressure measuring devices / anero-id manometers consists of measuring system, cuff and inflation system (consisting of the pump (ball with non-return valve), and the screw valve (air lock or air drain).) All devices work according to the same measuring principle: Indirect blood pressure measurement according to the Korotkoff method.

Warnings / Contraindications: ⚠

–If there is overpressure in the cuff, you can reduce the pressure with the quick release.
For units with air release valve: fully open the air release screw.
For devices with push-button valve: Press push-button valve completely.
Use the ball to pump up the cuff up approximately 20mmHg above the expected systolic blood pressure value (= the upper value). Never inflate higher than 300mmHg.
–The cuffs are offered with latex-free and latex materials. These are indicated by corresponding symbols on the cuff.
–Pay attention to the paragraph „blood pressure measurement" in the instructions for use, the blood pressure measurement can only done from doctors and persons trained in auscultatory blood pressure measurement.
–Observe the measurement and storage conditions in the instructions for use under „Technical data" and the information on the label.
–Check the pointer zero position as described in „Test of precision".
–For Germany, the Medical Devices Operator Ordinance applies. See also point „metrological control".
–A description of where the LOT No. is located can be found in the cuff table at the end of the instructions for use.

1. Models exacta® **and** sphygmotensiophone
They are equipped with 2-tube cuffs because the pressure gauge is not directly connected to the inflation system.
2. Models e-mega**,** R1 **shock-proof**®**,** minimus® **II,** precisa® N**,** precisa® N **shock-proof,** babyphon® **and ri-**san® **1-tube.**
They are equipped with 1-tube cuffs. Here the inflation system is directly connected to the manometer.
3. Models e-mega**,** minimus® **III,** precisa® N **double-tube**
They are equipped with double tube cuffs. Here the inflation system is directly connected to the manometer.
4. Models sanaphon® **and ri-**san®
These devices are devices for self-measurement. The manometer and the inflation system form a unit. In the 1-tube cuff, a chestpiece is integrated, which absorbs the Korotkoff sounds and forwards them to the ear via the enclosed stethoscope, which must be screwed into the thread on the outside of the cuff.
5. Models bigben **Round / Square desk, wall, mobile and anesthesia and ri-**former® bigben
This easy-to-read aneroid sphygmomanometer is equipped with a 2-tube cuff. One tube is connected to the inflation system with air release valve, the other tube is connected to the connector on the spiral tube.

Installation instructions for the different models (with the exception of the desk model):
5.1. Wall modell / ri-former® bigben
Remove the wing nut underneath the cuff basket and take off the wall bracket. Hold the bracket against the wall at the desired location and mark the positions of the mounting holes for drilling. Drill the holes and insert screw anchors in them. Now you can fasten down the wall bracket with screws. Place the unit on the wall bracket so that the top part of the wall bracket engages the edge of the cuff basket and the bottom part fits over the screw that protrudes from the underside of the cuff basket. Now replace and tighten the wing nut on the protruding screw.
In connection with **ri-**former® bigben, please observe the enclosed drilling plan.

5.2. mobile stand version / bigben
Assembly:
1. Please assemble the mobile stand first and thereby take note of the installation instruction attached.
2. After assembling the mobile stand, please screw the device (clockwise) onto the mobile stand.

Adjustment:
By opening the retaining screw the desired height can be adjusted. After adjusting the height the mobile stand must be fastened by the retaining screw again.

5.3 anesthesia model / bigben
Remove the wing nut underneath the cuff basket and take off the wall bracket. Affix the wall bracket to the back of universal clamp No. 10384 using the screws included. Place the unit on the wall bracket so that the top part of the wall bracket engages the edge of the cuff basket and the bottom part fits over the screw that protrudes from the underside of the cuff basket. Now replace and tighten the wing nut on the protruding screw.

Selection of suitable cuff sizes
A. Nylon-velcro cuffs, Disinfectable one piece cuff
Our nylon-velcro cuffs, Disinfectable one piece cuff have a tufted strip on one side and hooks on the other. This ensures that the cuffs can be easily opened and closed quickly and repeatedly. On all the models (with the exception of sanaphon®), the cuffs are calibrated, i.e. provided with measurement lines. To make sure that you have chosen the right cuff size, check to see whether the white index line is in the range between the arrows after the cuff has been put on. If the index line fails to reach this range, the cuff is too small. If it is beyond the range, the cuff is too large. Precise blood pressure readings can be obtained only if the correct cuff size is used.

Nylon-Velcro cuffs (Two Piece Reusable Velcro Cuff), The following cuff sizes are available for all models (except sphygmotensiophone**, sanaphon® and** exacta®**), see cuff table:**
Disinfectable one piece cuff (One Piece Reusable Velcro Cuff One Tube/Two Tube), The following cuff sizes are available for all models (except sphygmotensiophone**,sanaphon, ri-san self-measurement and exacta, see cuff table:**

sanaphon® **and ri-**san® **(Two Piece Reusable D-Ring Cuff Self-Mesurament):**
Measure your arm circumference to make sure that it lies within the range indicated on the cuff. The following sizes are available: child, adult, large adult and thigh. These sizes correspond to the circumferences given in the above table.

B. Cotton-velcro cuffs self-measurment (Two Piece Reusable Cuff sphygmotensiophone**):**
Our cotton-velcro cuffs have a tufted strip on one side and hooks on the other. This ensures that the cuff can be easily opened and closed quickly and repeatedly. Measure your arm circumference to make sure that it lies within the range indicated on the cuff.
The following cuff sizes are available for the models listed below, see cuff table:
sphygmotensiophone**:**

C. Cotton hook cuffs (Two Piece Reusable Hook Cuff):
On one side of these cuffs, metal bars have been worked into the fabric covering; metal hooks have been riveted to the fabric on the other side. The metal hooks are inserted into the metal bars in the cuff fabric. Measure the circumference of your arm to make sure that it lies within the range indicated on the cuff.
The following cuff sizes are available for the models listed below: R1 **shock-proof®,** minimus® **II,** bigben **Round / Square (all versions) and ri-san , siehe cuff table:**

D. Cotton bandage cuffs (Two Piece Reusable Bandage Cuff):
There is a bandage strip and a hook on one side of the bandage cuff. To attach the cuff, simply insert the hook into the bandage strip. Measure the circumference of your arm to make sure that it lies within the range indicated on the cuff.

The following cuff sizes are available for the models listed below: R1 **shock-proof®,** minimus® **II,** minimus® **II,** bigben **Round / Square (all versions) and ri-san®, see cuff table:**

- Patient position for intended use: sit comfortably, legs not crossed, back and arm supported, center of cuff on the upper arm at the level of the right cardiac atrium; the patient should be as relaxed as possible and should refrain from talking during the measuring process; approx. 5 minutes should elapse before the first measurement is taken.
- Close the valve by turning the deflation screw clockwise (except in the case of **ri-san®**).
- Putting on the cuff: Put the cuff on in such a way that the lower edge of the cuff is approx. 2 to 3 cm above the crook of the arm (level of the right cardiac atrium) or approx. 5 cm above the knee joint. Make sure that the marking sign is placed above the artery. The white index strip should be within the marked index range.
- After puting on the cuff, inflate the cuff to approx. 20 mmHg above the expected systolic blood pressure value (= the upper value) with the aid of the ball.
- When measuring blood pressure, the position of the operator is normally in front of the patient or at the patient's side.
- It is recommended to use phase V of the Korotkoff sounds (K5) for auscultatory measurement in adults, to use phase IV of the Korotkoff sounds (K4) for auscultatory measurement in children aged 3 to 12 years, and to use phase V of the Korotkoff sounds (K5) for auscultatory measurement in pregnant female patients, except if the Korotkoff sounds can be heard during deflation of the cuff - if this is the case, K4 is to be used.
- Place the chestpiece of the stethoscope, preferably our model anestophon, catalog no. 4177-01 - 4177-05, above the artery underneath the cuff.
- For the units intended for home use, no separate stethoscope is needed, since the chestpiece is integrated in the cuff. If a unit intended for home use is used, the membrane of the chestpiece installed in the cuff must be placed above the artery. The cuff is put on by pulling the free-end of the cuff through the metal retainer and closing the cuff with the aid of the hook-and-loop fastener.

A. Nylon-velcro cuffs: Close the cuff using the Velcro hook-and-loop fastener.
B. Bandage cuffs: Fasten the bandage cuff by hooking the hook onto the bandage strap.
C. Hook cuffs: In the case of a hook cuff, the metal hook is hooked onto the small metal rods of the cuff cover.

- To enable blood pressure measurement, open the deflation screw by turning it counterclockwise. The deflation rate should ideally range between 2 and 3 mmHg/s and can be set by delicate adjustment of the screw. Visual check of the deflation rate: The needle must move through 1 to 1.5 scale marks per second on the scale. After completion of the measurement, open the valve completely for rapid deflation of the cuff.
- The **ri-san®** model is equipped with a push-button valve. Activate this valve in such a way that the ideal deflation rate between 2 and 3 mmHg/s is achieved. To completely deflate the cuff, press the button all the way to the stop position.
- When the upper blood pressure value (systole) has been reached, rhythmic beats can be heard.
  Systole = The upper blood pressure value is the value that results when the heart contracts and the blood is pressed into the blood vessels.
- When the lower blood pressure value (diastole) has been reached, the beats fall silent.
  Diastole = The lower blood pressure value which prevails when the heart muscle has expanded and is once again filling up with blood.
- The blood pressure measurement has been completed.
- We would like to point out to you that a unit intended for home use does not replace regular visits to the doctor and that only the doctor can accurately analyze your measured values.

How to care for the aneroid sphygmomanometer

General information
The goal of cleaning and disinfection of medical products is the protection of patients, users and third persons and conserving the value of the medical products. On account of the product design and the used material, no defined limit of maximum processing cycles can be fixed. The lifetime of the medical products depends on their function and on a appropriate treatment of the devices. Before returning faulty products for repair they must have gone through the described reprocessing process.

1. Manometer and bulb
Manometer and bulb can be cleaned outside with a humid cloth until optical cleanness is given.

ATTENTION!
Never place the manometer in liquid! This item is not approved for automated reprocessing and sterilization. These procedures cause irreparable damage!

2. Cuffs
Cotton and Nylon velcro cuff (latex and latex free)
Cleaning:
After removing the bladder, wipe the nylon-velcro covers with a damp cloth. Alternatively, these can be washed with soap and cold water (like all the other cuffs. If you decide on the latter course, rinse the cuffs with clear water afterwards and let them air dry. Wipe the bladder and tubes with a damp cloth.

Disinfection:
After removing the bladder, wash the cuff covers in cold water to which disinfectant has been added. Afterwards, let them air dry. Only disinfectants with approved efficiency and in accordance with the national sta dards can be used. The bladder and tubes can be wiped with a cotton cloth moistened with ethanol.

Disinfectable one piece cuff
Cleaning:
The cuff can be wiped with a damp cloth. Alternatively, it can be washed with soap and cold water like all the other cuffs. Please rinse the cuff with clear water afterwards. In addition this cuff can be washed at up to 60° C in the washing machine. Before next use, please ensure that no liquid is remaining in the cuff. This can affect the measurement results negatively and it can damage the manometer technology.

Disinfection:
The cuff can be completely inserted into liquid disinfectant. Only disinfectants with approved efficiency and in accordance with the national standards can be used. Before next use, please ensure that no liquid is remaining in the cuff. This can affect the measurement results negatively and it can damage the manometer technology.

IMPORTANT!
Do not iron nylon-velcro cuffs, Disinfectable one piece cuff. Never expose the cuffs to intensive solar radiation! Never touch the cuff covers or bladders with a sharp instrument, since this could cause damage!

Maintenance The product does not require any maintenance.

Test of precision
Remove the tube from the manometer and hold the manometer in a vertical position. When the pointer stands still at 0 on the scale, the instrument has been adjusted properly. If the pointer is below or above 0, the instrument must be recalibrated. Either take it to an authorised **Riester** dealer or send it to us.

Monitoring of instruments
All countries except for Germany:
The respective legal provisions apply for all countries, except for Germany. The reference manometer, which is used for calibration, must be traceable to national and international measurement standards.

Warning: It is not allowed to make changes to the device.

Technical Data
Minimal environmental conditions under which the error tolerance of +/- 3 mm Hg must be satisfied:

Measurement conditions:	10°C (50°F) to 40°C (104°F) at a relative air humidity of 85 % (non-condensing)
Storage conditions:	-20°C (-4°F) to 70°C (158°F) at a relative air humidity of 85 % (non-condensing)
Versions:	Aneroid, desk, wall, stand and anaesthetic model
Type of indication:	Round scale
Scale graduation:	Increments of 2 mm Hg
Range shown on scale:	0 to 300 mm Hg
Measurement range:	0 to 300 mm Hg
Pointer movement:	No stop pin
Tube adapter:	1 or 2, depending on the particular model
Pressure generation:	Bulb
Pressure reduction:	Air-release valve that can be regulated

Disposal: You can obtain information on disposal from your appropriate local facility or from your local environmental advisor."

Erläuterung der verwendeten Symbole
Explanation of the symbols used
Explication des symboles utilisés
Explicación de los símbolos utilizados
Разъяснение используемых символов
Spiegazione dei simboli utilizzati

Auf dem Gerät bzw. Auf der Verpackung finden sich folgende Symbole.
The following symbols are depicted on the packaging.
Les symboles suivants figurent sur l'appareil ou sur son emballage.
En el dispositivo o en su embalaje encontrará los siguientes símbolos.
На приборе и упаковке имеются следующие символы.
Sull'apparecchio e/o sulla confezione sono riportati i seguenti simboli.

	LATEX	LATEX
Two Piece Reusable Velcro Cuff LOT Inside the Cover		
Newborn	5-7,5cm	5-8cm
Infant	7,5 - 13 cm	8-13cm
Child	13 - 30 cm	13-17cm
Small Adult	17 - 26 cm	17-24cm
Adult	24 - 32 cm	24-34cm
	32 - 48 cm	34-44cm
Thigh	42 - 50 cm	42-50cm
Thigh XL	50 - 70 cm	50-70cm
One Piece Reusable Velcro Cuff One Tube / Tow Tube LOT On the Cover		
Newborn	-------	5 - 8 cm
Infant	-------	8 - 13 cm
Child	-------	13 - 17 cm
Small Adult	-------	17 - 24 cm
Adult	-------	24 - 32 cm
	-------	32 - 41 cm
Two Piece Reusable Cuff Sphygmotensiophone LOT Inside the Cover		
Infant	7,5 -13 cm	7,5 -13 cm
Child	13 - 30 cm	13 - 20 cm
Adult	24 - 32 cm	24 - 32 cm
Two Piece Reusable Hook Cuff LOT Inside the Cover		
Adult	24 - 32 cm	24 - 32 cm
Two Piece Reusable Bandage Cuff LOT Inside the Cover		
Adult	24 - 32 cm	24 - 32 cm

CE 124	CE-Kennzeichnung kennzeichnet die Übereinstimmung mit der Europäischen Medizinproduktekirichtlinien 93/42 EWG CE marking indicates compliance with European Medical Devices Directive 93/42 EEC Le marquage CE indique que le produit est conforme à la directive européenne relative aux dispositifs médicaux 93/42/CEE Marca CE que indica la conformidad con la directiva sobre productos sanitarios europeos 93/42 CEE Маркировка CE подтверждает соответствие европейской Директиве по продуктам медицинского назначения 93/42 ЕЭС Il contrassegno CE definisce la conformità con la Direttiva europea sui Dispositivi Medici 93/42 CEE
SN	Seriennummer / Serial number / Numéro de série / número de serie / номер серии / Numero di serie
	Hersteller / Manufactured by / Fabricant / Fabricante / фабрикант / fabricante
	Zulässiger Temperaturbereich in °C für Lagerung und Transport Temperature limits in °C for storage and transport Limites de temperature, en°C, lors du stockage et du transport Límites de temperatura en °C para almacenamiento y transporte Допустимый диапазон температур в °C при хранении и транспортировке Intervallo di temperatura ammesso in °C per la conservazione e il trasporto
	Zulässiger Temperaturbereich in °F für Lagerung und Transport Temperature limits in °F for storage and transport Limites de temperature, en °F, lors du stockage et du transport Límites de temperatura en °F para almacenamiento y transporte Допустимый диапазон температур в °F при хранении и транспортировке Intervallo di temperatura ammesso in °F per la conservazione e il trasporto
	Zulässige Luftfeuchtigkeit für Lagerung und Transport Humidity limitation for storage and transport Limites d'humidité pendant le stockage et le transport Límite de humedad para almacenamiento y transporte Допустимая влажность воздуха при хранении и транспортировке Umidità dell aria ammessa per la conservazione e il trasporto
	Markierungszeichen auf der Manschette für die Lage der Manschette auf der Arterie. Marking sign on the cuff to indicate the position of the cuff above the artery. Marquage sur le brassard permettant le positionnement de ce dernier sur l'artère Marca de referencia en el brazalete para ubicación del brazalete sobre la arteria. Метки на манжете обозначают требуемое положение манжеты на артерии. Simbolo riportato sul bracciale che indica la posizione del bracciale stesso sull arteria.
	Gebrauchsanweisung befolgen Follow the operating instructions Suivre les instructions Seguir las instrucciones del manual Соблюдать руководство по применению Rispettare le istruzioni per l uso
	Vorsicht Bruchgefahr Fragile, handle with care Attention: fragile Frágil, manipular con precaución Осторожно! Опасность разрушения! Attenzione, fragile
	Trocken Lagern Keep dry Maintenir au sec Mantener seco Хранить в сухом месте Conservare in luogo asciutto
	Grüner Punkt (länderspezifisch) Grüner Punkt (country-specific) Point Vert (spécifique au pays) Punto verde (específico del país) Маркировка «Зеленая точка» (действует в конкретной стране) Punto Verde (specifico del paese)
LATEX	Produkt enthält Latex Product contains latex Le présent produit contient du latex Este producto contiene látex. Изделие содержит латекс. Il prodotto contiene lattice.
LATEX	Latexfrei Latexfree Sans latex Senza lattice без латекса Sin látex
	Achtung! Gebrauchsanweisung befolgen. Caution! Follow the operating instructions. Attention! Suivez les instructions d'utilisation! Attenzione! Seguire le istruzioni operative! Внимание! Следуйте инструкциям по эксплуатации. Atención! Siga las instrucciones del manual de uso!
LOT YYXXXX	LOT-Nummer / YY = steht für den jeweiligen Monat / XXXX = steht für das jeweilige Jahr LOT-number / YY = stands for the respective month / XXXX = stands for the respective year Numéro de lot /YY = signifie le mois / XXXX = stands pour l'année respective Numero di LOT / YY = sta per il rispettivo mese / XXXX = rappresenta il rispettivo anno LOT-номер / YY = обозначает месяц производства / XXXX = обозначает год производства Número de lote / YY = representa el mes respectivo / XXXX = representa el año respectivo
	Symbole Armumfang Icon arm circumference Icônes circonférences de bras Simbolo circonferenza braccio Обозначение окружности руки Símbolos de circunferencias del brazo
	Herstellungsdatum Date of Manufacture Date de fabrication Data di produzione Дата производства Fecha de manufactura
⚠	Achtung Attention Attention Attenzione внимание Atención

GARANTIE
Dieses Produkt wurden unter strengsten Qualitätsanforderungen produziert und vor Verlassen unseres Werkes einer eingehenden Endkontrolle unterzogen.Wir freuen uns, dass wir deshalb in der Lage sind eine Garantie von 2 Jahren ab Kaufdatum auf alle Mängel, die nachweisbar auf Material- oder Fabrikationsfehler zurückzuführen sind, gewähren zu können. Ein Garantieanspruch bei unsachgemäßer Behandlung entfällt. Alle mangelhaften Teile des Produkts werden innerhalb der Garantiezeit kostenlos ersetzt oder repariert. Ausgenommen sind Verschleißteile. Zusätzlich gewähren wir für R1 shock-proof 5, precisa N shock-proof 3 Jahre Garantie auf die im Rahmen der CE-Zertifizierung geforderte Kalibrierung. Ein Garantieanspruch kann nur dann gewährt werden, wenn dem Produkt diese vom Händler komplett ausgefüllte und abgestempelte Garantiekarte beigefügt wird. Bitte beachten Sie, dass Garantieansprüche innerhalb der Garantiezeit geltend gemacht werden müssen. Überprüfungen oder Reparaturen nach Ablauf der Garantiezeit nehmen wir selbstverständlich gerne gegen Berechnung vor. Unverbindliche Kostenvoranschläge können Sie ebenfalls gerne kostenlos bei uns einholen. Im Fall einer Garantieleistung oder Reparatur bitten wir Sie, das Riester Produkt mit komplett ausgefüllter Garantiekarte an folgende Adresse zurück zusenden:

WARRANTY
This product has been manufactured under the strictest quality standards and has undergone a thorough final quality check before leaving our factory. We are therefore pleased to be able to provide a warranty of 2 years from the date of purchase on all defects, which can verifiably be shown to be due to material or manufacturing faults. A warranty claim does not apply in the case of improper handling. All defective parts of the product will be replaced or repaired free of charge within the warranty period. This does not apply to wearing parts. For R1 shock-proof, we grant 5 years, for precisa N shock-proof, 3 years for the calibration, which is required by CE-certification. A warranty claim can only be granted if this Warranty Card has been completed and stamped by the dealer and is enclosed with the product. Please remember that all warranty claims have to be made during the warranty period. We will, of course, be pleased to carry out checks or repairs after expiry of the warranty period at a charge. You are also welcome to request a provisional cost estimate fromus free of charge. In case of a warranty claim or repair, please return the Riester product with the completed Warranty Card to the following address:

GARANTIE
L'appareil a été fabriqué conformément à de strictes exigences de qualité et a été soumis à un contrôle final soigneux avant de quitter nos usines. Nous nous réjouissons de pouvoir ainsi vous accorder une garantie de 2 ans à compter de la date de l'achat sur tous les vices du tensiomètre incontestablement liés à des défauts de matériaux ou de fabrication. Votre droit à garantie expire lors d'une utilisation inadéquate de cet appareil. Tout droit à garantie expire dans les cas suivants:manipulation incorrecte, non-respect du contenu du mode d'emploi, utilisation de pièces de rechange ou d'accessoires d'autres fabricants, réparations entreprises de façon autonome ou usure normale. De plus nous confirmons pour le R1 shock-proof 5, precisa N shock-proof 3 ans de garantie pour l'étalonage correspondant aux exigences de la certification CE. Cette garantie exclut les défauts sur la pompe! Tous les éléments défaillants sur l'appareil seront gratuitement remplacés ou réparés durant la période de garantie. Une prétention à garantie peut uniquement être faite valoir si la carte de garantie ci-jointe dûment remplie et munie du cachet du revendeur est jointe au tensiomètre. N'oubliez pas que les revendications de garantie doivent nous être adressées durant la période de garantie. Des contrôles ou réparations après expiration de la garantie peuvent bien sûr nous être confiés mais vous seront alors facturés. Nous pouvons aussi vous adresser gratuitement des devis sans engagement de votre part. Pour toute garantie ou réparation, veuillez nous retourner l'appareil complet muni de la carte de garantie dûment remplie à l'adresse suivante:

GARANTÍA
Este producto ha sido fabricado con las máximas exigencias de calidad, y ha sido sometido a un exhaustivo control final antes de salir de la fábrica. Esto nos permite ofrecerle una garantía de 2 años a partir de la fecha de compra por todos los fallos debidos demostrablemente a fallos de material o de fabricación. La garantía quedará anulada en caso de utilización indebida. Durante el plazo de vigencia de la garantía, todos los componentes defectuosos del producto serán sustituidos o reparados gratuitamente. Quedan excluidos los componentes sometidos a desgaste. Para el R1 shock-proof ofrecemos una garantía de 5, para el precisa N shock-proof de 3 años en total sobre la calibración en relación a lo exigido por la certificación CE. La garantía sólo será válida si se adjunta al producto esta tarjeta de garantía rellenada íntegramente y sellada por el comerciante. Tenga en cuenta que las reclamaciones por garantía deben presentarse dentro del plazo de vigencia de la misma. Naturalmente, una vez transcurrido el plazo de la garantía realizaremos gustosamente cualquier comprobación o reparación mediante el correspondiente pago. Puede solicitar un presupuesto gratuito sin ningún compromiso. En caso de prestaciones por garantía o reparación, le rogamos envíe el producto Riester, junto con la tarjeta de garantía rellenada en su totalidad, a la siguiente dirección:

гарантия
Настоящее изделие произведено с соблюдением строжайших стандартов качества, и до выхода в обращение было подвергнуто тщательной проверке на соответствие качеству. при этом сообщаем, что мы даем гарантию **на 2 года со времени покупки изделия** на случай обнаружения в нем каких-либо недостатков из-за дефектов материала или производственных дефектов. гарантийные обязательства распространяются на случаи неправильного обращения с изделием. Для R1 ударопрочного, мы предоставляем 5 лет, для precisa N ударопрочного, 3 года калибровки, требуемую по CE-сертификацией. Все дефектные части изделия будут заменены или отремонтированы в течение гарантийного срока. Это не распространяется на быстроизнашиваемые части. претензии к качеству принимаются только в том случае, если к Изделию прилагается настоящий гарантийный талон, заполненный и заверенный печатью дилера. помните, пожалуйста, что все претензии принимаются в течение гарантийного периода. Заузмается, мы будем рады произвести проверку или ремонт изделия и после истечения срока гарантии, но за плату. пожалуйста, обращайтесь к нам также по поводу предварительной оценки затрат, которая выполняется бесплатно. В случае гарантийных рекламаций, а также для проведения ремонта, отправьте изделие Riester вместе с заполненным гарантийным талоном по следующему адресу:

GARANZIA
Il presente apparecchio è stato fabbricato in osservanza a severissimi requisiti di qualità, e prima di lasciare la nostra fabbrica è stato sottoposto ad un accurato controllo finale. Siamo pertanto lieti di poter fornire una garanzia di 2 anni a partire dalla data di acquisto relativamente a tutti i difetti dell'apparecchio che siano dimostrabilmente riconducibili a errori di fabbricazione. La garanzia decade in caso di: manipolazione impropria dello strumento, mancata ossservanza delle istruzioni d'uso, uso di parti di ricambio o di accessori di altra marca, in caso di modifiche o riparazioni effettuate arbitrariamente dall'utente e per la normale usura. Addizionalmente concediamo una garanzia per la calibrazione di 5 anni per R1 shock-proof, di 3 anni per precisa N shock-proof, richiesta nell' ambito della certificazione CE.. Eventuali difetti al lampadine sono esclusi dalla garanzia! Tutte le parti difettose dell'apparecchio verranno sostituite o riparate gratuitamente entro il periodo coperto da garanzia. Il diritto di garanzia sussiste soltanto a condizione che all'apparecchio venga allegata la presente Carta di garanzia compilata dal venditore in tutte le sue parti e debitamente provvista di timbro. Fare attenzione che i diritti di garanzia vanno fatti valere entro il periodo di garanzia. Eventuali verifiche o riparazioni successivamente alla scadenza del periodo di garanzia verranno naturalmente eseguite da parte nostra contro pagamento. I rispettivi preventivi di spesa senza impegno si possono richiedere gratuitamente presso di noi. In caso di garanzia o riparazione, si prega di ritornare l'apparecchio intero con relativa Carta di garanzia compilata in tutte le sue parti al seguente indirizzo:

Seriennummer bzw. Chargennummer, Serial number or batch number
Numméro de série/de lot, Número de serie o de lote
Серийный номер или номер партии, Numero di Serie risp. numero di carica

Datum, Date, Date, Fecha, дата, Data,

Stempel und Unterschrift des Fachhändlers,
Stamp and signature of the specialist dealer,
Cachet et signature du revendeur,
Sello y firma del establecimiento especializado,
печать и подпись официального дилера,
Timbro e Firma del Venditore specializzato