

 **Riester**

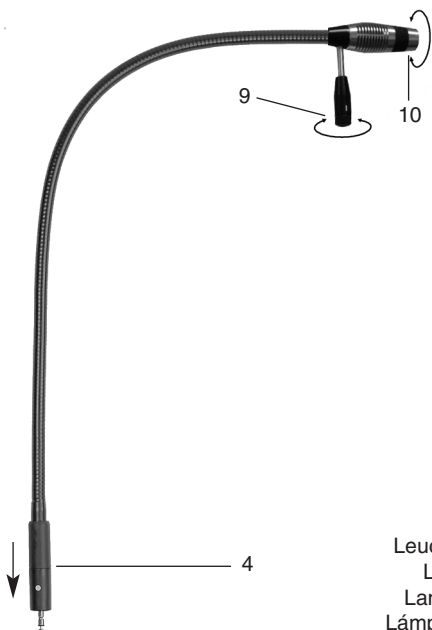
The familiar way



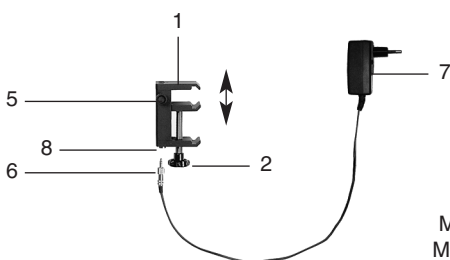
Gebrauchsanweisung  
Instructions  
Mode d'emploi  
Instrucciones para el uso  
Инструкции по эксплуатации  
Istruzioni per l'uso

CE

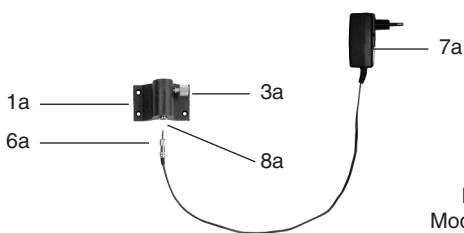
**ri-magic**<sup>®</sup> LED



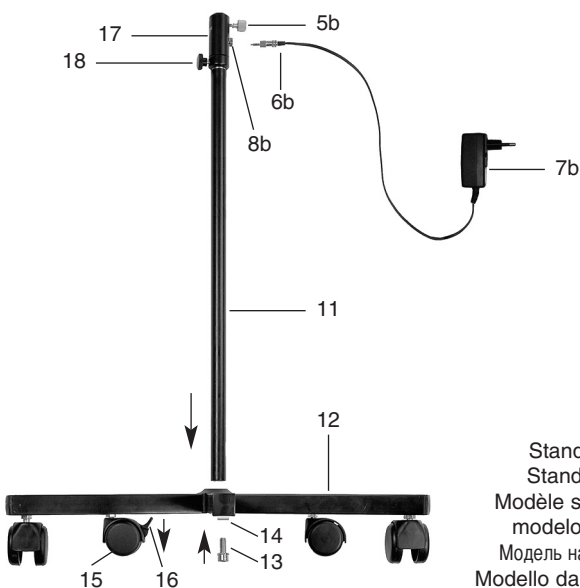
Leuchte  
Light  
Lampe  
Lámpara  
Лампа  
Lampada



Tischmodell  
Desk model  
Modèle de table  
Modelo de mesa  
Настольная модель  
Modello da tavolo



Wandmodell  
Wall model  
Modèle mural  
Modelo de pared  
Настенная модель  
Modello da parete



Standmodell  
Stand model  
Modèle sur pied  
modelo de pie  
Модель на стойке  
Modello da stativo

## 1. Important information – read prior to start-up

You have acquired a high-quality RIESTER examination light manufactured in compliance with Directive 93/42/EEC for medical products and subject to continuous stringent quality control. Should you have any queries, please contact the Company or your RIESTER Agent who will be pleased to assist you. For addresses see last page of these Instructions for Use. The address of your authorised RIESTER Agent will be supplied to you on request.

Please note that correct and safe operation of instruments will only be guaranteed when RIESTER instruments and accessories are used throughout.

## 2. Purpose

The universally applicable ri-magic® LED light by Riester has been manufactured for lighting and therefore diagnosis and minor surgery in many medical fields, offering a light intensity of approx. 55.000 lux at a distance of 200 mm.

## 3. Safety and electromagnetic compatibility

Meaning of symbols on power pack and light plinth:



Attention: Comply with instructions for use!



Protection class II instrument



Attention: Do not stare into the beam



Attention: Used electrical and electronic products are not to be disposed as unsorted municipal waste and are to be collected separately accordingly to national/EU regulations.



Application part type B



not for outdoor use



Alternating current



Direct current



LED light  
Do not stare  
into the beam  
Class 2 LED

The light complies with the requirements relating to stability and emission of electromagnetic interference. Please note that interference may not be completely ruled out under the increased influence of detrimental field strengths, i.e. when operating mobile telephones and radiological equipment.

### Note

- Don't use the examination light for eye-examination
- There may be a risk of gas ignition when the light is used in the presence of inflammable drug mixtures such as air and/or oxygen or laughing gas!
- The light should only be opened by skilled persons to avoid a risk of lethal electrocution.
- Please use exclusively the included plug connector  
Manufacturer Glob Tek  
Type GTM 41076  
Possibility of alternative  
Manufacturer Glob Tek  
Type GTM 41060

## 4. Assembly instructions prior to start-up

### a) ri-magic® LED desk model

Attach universal clamp (1) and screw set (2) to a desk or wall rail. Insert universal light (4) from top into the bore of the screw clamp and fix with the knurled bolt (5). Connect cable plug (6) of the power pack (7) to the socket (8) from below until engaging with a click. Connect a transformer (7) to the socket. The light is now ready for operation.

### b) ri-magic® LED wall model

Hold wall bracket (1a) to the desired point on the wall and mark 4 holes for dowels. Remove wall bracket and drill the 4 marked holes. Insert dowels into the wall. Apply wall bracket and fix with screws. Insert light (4) into bracket from above and fix by the locking screw (3a) on the side. Connect cable plug (6a) of power pack (7a) to socket (8a) from below until it engages with a click. Connect transformer (7a) to the socket. The light is now ready for operation.

#### Caution:

The wall must absolutely be solid enough for a good and guaranteed fixation of the diagnostic lamp.

Please only use the included screws and anchors.

Possibility of alternative use of 6 mm anchors with lens head screw DIN 95 3 x 40 mm.

### c) ri-magic® LED stand model

Push bracket (17) into the tripod tube (11) and insert tripod tube (11) and bracket (17) into the mobile bottom section (12) by fixing with the knurled bolt (18) on the side and fix with the enclosed bolt (13) and locking ring (14). The tripod (base) is provided with 5 castors, two of which may be locked (15). Tilt lever (16) down for locking. Put universal lamp from the top in the adaptor and fix it with a hexagon bolt (key encl.). Connect cable plug (6b) of power pack (7b) to the socket (8b) on the side until an audible click is heard. The light is now ready for operation.

## 5. Start-up and operation

Initially connect the cable plug (6,a,b) to the socket (8,a,b). Connect power pack (7,a,b) to the mains socket. Voltages on the rating plate of the mains adapter must be noted at all times. There are two optional voltages: 230 V and 120 V.

#### On-Off

Turn the rheostat (9) in clockwise direction. When a click is heard, the light is switched on.

Turn the rheostat (9) in counter-clockwise direction until a click is heard.

The light is now switched off.

The Diagnostic lamp can also be interrupted from the main power supply by removing the plug connector out of the socket.

#### Rheostat

The desired light intensity may be set by turning the rheostat (9). Increase light intensity by turning in clockwise direction and decrease by turning in counter-clockwise direction.

#### Focusing

A focusing ring (10) is provided at the front of the light head for controlling the light cone of the light.

#### Note:

- The flexible arm of the light should not be bent in a too small radius in order to prevent premature material fatigue.
- For normal operation of the light, the bracket (4) and the universal clamp (1) and/or the tripod bracket (17) will heat up around the socket (8,a,b).

## 6. Cleaning and disinfection

**Prior to cleaning or disinfection of the light, disconnect plug from mains socket**

#### Cleaning and/or disinfection

The ri-magic® LED examination light may be if necessary externally cleaned with a damp cloth. In addition, the following disinfectants may be used for disinfection:

Aldehyde (formaldehyde, glutaraldehyde, aldehyde derivatives), surfactants or alcohols. Means for cleaning or disinfection may be a soft, possibly lint-free cloth or Q-tips.

#### Sterilisation

Please do not sterilize the ri-magic® LED.



**Riester bietet eine große Produktauswahl in den Bereichen**

Blutdruckmessgeräte | Instrumente für H.N.O., Ophthalmologische Instrumente | Dermatologische Instrumente | Thermometer | Stethoskope | Stirnspiegel, Stimlampen, Untersuchungslampen | Laryngoskope | Gynäkologische Instrumente | Perkussionshämmer | Stimmgabeln | Produkte zur Blutstauung | Lungendruckmessgeräte | Dynamometer | Druckinfusionsgeräte | Veterinärmedizinische Instrumente | Arztkoffer/ -taschen

**Die detaillierten Beschreibungen der Produkte finden Sie unter der jeweiligen Rubrik im Gesamtkatalog (Best. Nr. 51231-50). Oder gehen Sie online unter [www.riester.de](http://www.riester.de).**



**Riester offers a large selection of products in the areas of**

Blood pressure measuring devices | Instruments for ENT, Ophthalmological instruments | Dermatological instruments | Thermometers | Stethoscopes | Head mirrors, Head lights, Examination lights | Laryngoscopes | Gynaecological instruments | Percussion hammers | Tuning forks | Products for blood stasis | Pulmonary pressure measuring devices | Dynamometers | Pressure infusion instruments | Veterinary instruments | Doctor's cases and bags

**Detailed descriptions of the products can be found in the respective sections of the omnibus edition catalogue (Order No. 51232-50). Or online under [www.riester.de](http://www.riester.de).**



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