

WOYO

SMARTER EASIER

Heating Bolt Remover Manual

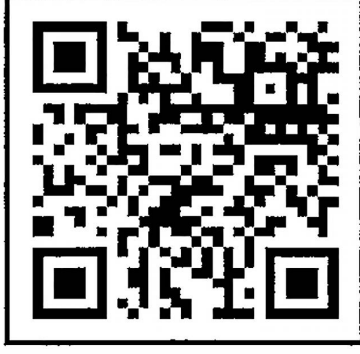
Model: HBR-012 / 110 / 220
Manufacturers: WOYO Smart Technology (Shenzhen)Co., LTD
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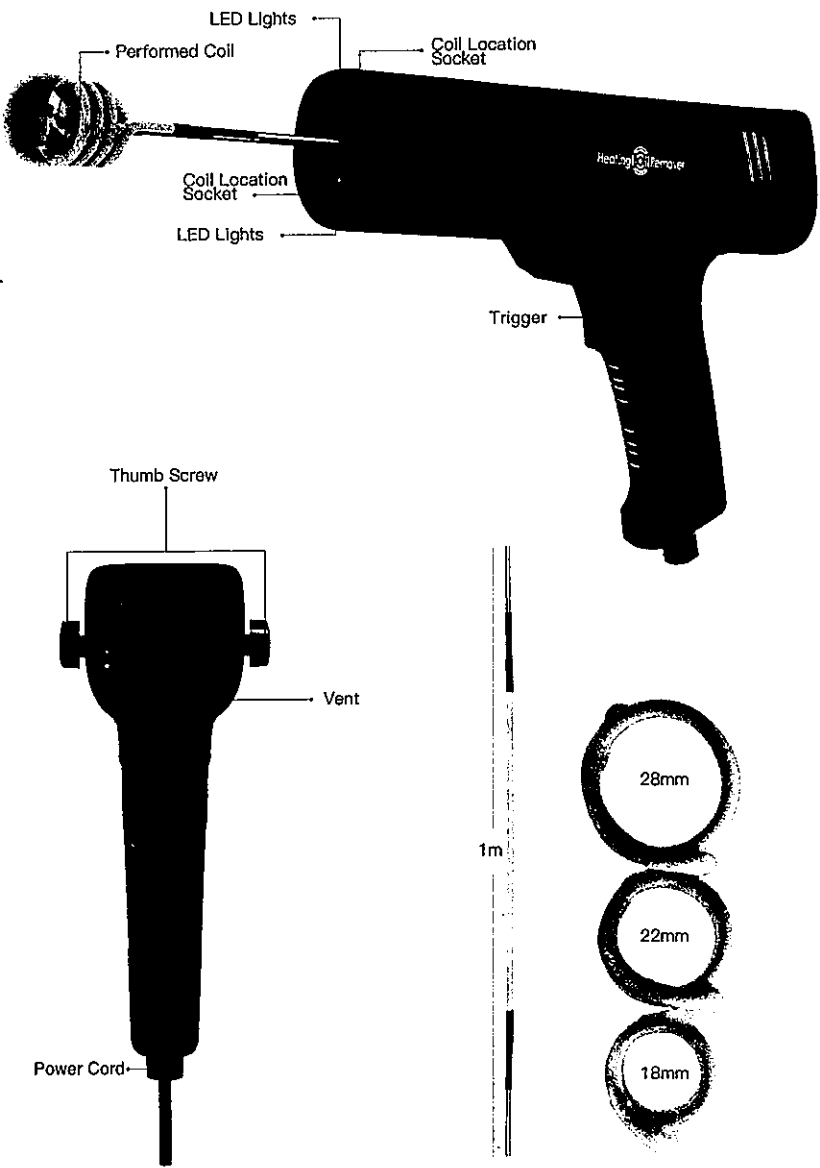
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Video

Scan this QR code to know the operation instructions.



Heating Bolt Remover



Model	Input Voltage	Input Current	Output Power	Output Voltage	Output Current
HBR012	12V	40A	500W	40V	120A
HBR110	220V 50/60Hz	4A	500-900W	40V	120A
HBR220	220V 50/60Hz	4A	500-900W	40V	180A

Packing List: HBR Main*1 Flexible Soft Coil*1 (1m)
18mm coil(diameter of bore)*1 (Length 20cm)
22mm coil(diameter of bore)*1 (Length 20cm)
28mm coil(diameter of bore)*1 (Length 20cm)

Warning:

Before using: Please be sure to read and understand all safety rules and instructions in this manual before operating the heating inductor. **PAY PARTICULAR ATTENTION TO THE SAFETY RULES.** Failure to follow instructions listed below may result in electric shock, fire, and/or serious personal injury.

General Safety

- 1.Keep a fire extinguisher or fire blanket alongside at all times when using the heating inductor.
- 2.Ensure no flammable products are near the work area while using the heating inductor.
- 3.Do not use the heating inductor within 150mm (6 inches) of any air bag component. The heat created by the heating inductor can ignite the air bag squib propellant causing it to explode without warning.
- 4.Do not operate the heating inductor while under the influence of drugs, alcohol or any medication.
- 5.The heating inductor can heat these metallic objects very quickly and cause serious burns or even ignite clothing.
- 6.Do not use coils if there are over 3 breaches or damages. They cannot be repaired, only replaced.
- 7.Ensure the heating inductor is connected to a supply that is adequately earthed. (Grounded)
- 8.Do not use the heating inductor in the rain, moisture or immersed in water.
- 9.Exposing the heating inductor to water or other liquids can cause an electrical shock hazard.

Personal Safety

- 1.If you have a cardiac pacemaker or any other kind of electronic or metal surgical implant DO NOT operate this tool, and always stay at least 1 metre (three feet) away from anybody operating it.
- 2.Although the magnetic fields emitted by the tool only travel a few inches, they pose a dangerous risk to the proper operation of all implanted medical electronic devices in the user and any bystanders.
- 3.Do not operate the heating inductor while wearing any metallic items such as jewellery, (including ring, watches, chains, identification tags, body piercing) or belt buckles.
- 4.Do not wear clothing that contains metallic rivets, waistband buttons, pocket buttons or zips when operating the heating inductor.
- 5.Fumes and smoke from hot/burning adhesives are toxic. Wear an appropriate dual filter (dust and fume) mask.
- 6.Always wear heat-resistant gloves when using the heating inductor as it heats metal very quickly. It can be easily burn your hands and fingers when trying to remove parts from hot metal surfaces.
- 7.Do not touch the coil, rope coil when the heating inductor plugged into the socket.
- 8.Coils will be hot after use, please unplug the unit and wait for cooling down before fitting/removing.

Tool Safety

- 1.Before plugging in the heating inductor, make sure that the outlet voltage supplied is compatible with the voltage marked on the label and within 10% of the stated voltage. An outlet voltage incompatible with that specified on the label can result in serious hazards and damage to the heating inductor.
- 2.Ensure attachment is securely located. Coil and main are firmly tightened before use.
- 3.Do not use the heating inductor for longer than the stated duty cycle: 5 minutes on followed by 5 minutes off. The main circuit board has an overheat protection device, however the attachments do not have overheat protection so should not be used for more than 5 minutes of continued use.
- 4.Please ensure that the cooling fan is running when the trigger is activated, if the fan does not run do not use the heating inductor and contact our distributor or WOYO SMART CO.,LTD.
- 5.When using the flexible soft coil, 3 to 4 coils is the optimum number needed for best operation.
- 6.Do not leave the coil plugged into the HBR main when not in use.
- 7.Do not attempt to repair the HBR by yourselves. Please contact our distributor or WOYO SMART CO.,LTD.

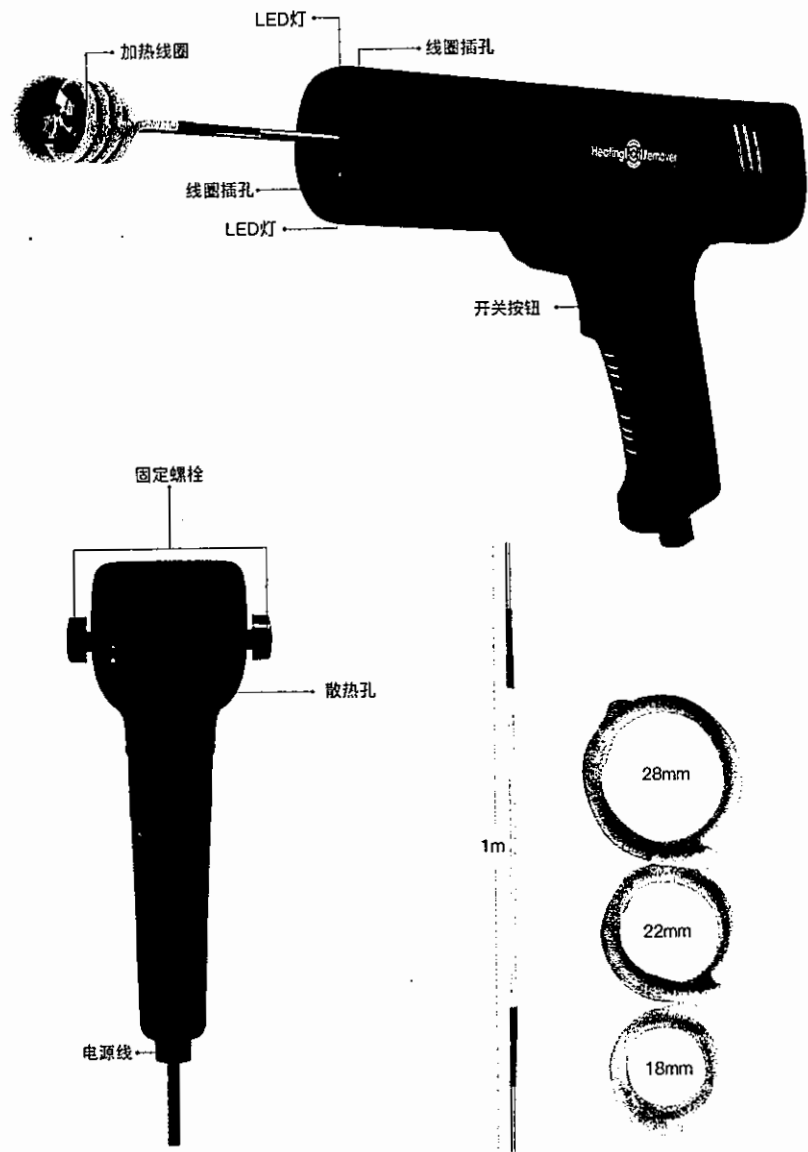
Operation

- 1.To prolong your heating inductor, leaving an 5mm air gap between the coil and the work piece is recommended as the insulation of the coil will eventually burn through if held directly to hot material.
- 2.Choose the appropriately sized coil to give the closest fit to the work piece.
- 3.Insert both ends of the coil into the coil location socket and tighten the thumb screws securely.
- 4.Activate the trigger to run the heating inductor for 1-3 minutes until enough heat has been applied to the work piece to break the rust/corrosion bond.
- 5.Release the trigger and unplug the unit to turn the machine off.
- 6.Do not use portable generators. The unstable voltage will damage the unit and void the warranty.
- 7.Turn unit off and allow the unit and all attachments to cool for at least 20 minutes. Handling the unit or parts before they have cooled may result in injury.
- 8.Make sure the unit is turned off and unplugged. After cool enough, use a dry, clean, non-abrasive cloth or paper towel to remove grease, oil, and other dirt from the heating inductor and electrical lead before returning them to the storage case. Storage of unit while still hot may result in damage to equipment or pose a fire hazard.
- 9.Press the trigger only when there is work piece inside the performed coil.

Warranty and Repairs

WOYO SMART CO.,LTD warrants the heating inductor and any parts thereof, to be free from defects in materials for 18 months from the date of first purchase, not including coils, when operated in accordance with the operating and safety instructions manual.
This warranty is extended to the original purchaser, when proof of purchase is provided.

生锈螺丝拆卸工具 设备介绍



型号	输入电压	额定电流	额定功率	额定电压	额定电流
HBR012	12V	40A	500W	40V	120A
HBR110	110V	40A	500W	40V	120A
HBR220	220V 50/60Hz	4A	500-900W	40V	180A

包装清单: HBR 主要 * 1 柔性软线 * 1 (1m)
18mm 线圈 (孔径) * 1 (长度 20cm)
22mm 线圈 (孔径) * 1 (长度 20cm)
28mm 线圈 (内径) * 1 (长度 20cm)

警告:

使用前须知: 请务必仔细阅读此说明书中的安全守则以及使用说明。任何违背安全守则和使用说明书的操作都可能引起电击, 火情或其他人身安全问题。

安全守则概况

1. 设备使用过程中, 请备灭火器或者灭火毯, 以防发生意外火情。
2. 设备使用过程中, 请确保周围无易燃物品。
3. 请勿在离装有安全气袋 15cm 的附近区域内使用此设备。设备使用过程中产生的热量可能会引燃安全气袋并导致爆炸。
4. 请勿在放有酒精, 燃油, 燃气等其他易燃易爆物品附近区域使用此设备。
5. 请注意该设备能迅速加热金属类物品并可导致烧伤或引燃衣物。
6. 如线圈绝缘层开裂 3 处及以上, 请立即停止使用, 绝缘层裂口无法修复, 请更换新线圈, 继续使用。
7. 请确保设备使用过程中有接地保护措施。
8. 请勿将设备置于雨水等潮湿环境中。
9. 将设备暴露在水或其他液体中可能会引发触电危险。

人身安全守则

1. 安装心脏起搏器或含有各种金属假肢的人员请勿使用此设备，并远离操作现场 1 米外。
2. 设备使用过程中产生的电磁感应可对植入电子医疗设备的操作员或周围人员产生潜在危险。
3. 设备操作人员不可佩戴任何金属类物品，如珠宝（包括戒指，手表，链条，穿孔饰品）和扣环等。
4. 设备操作人员不可穿戴含金属类铆钉、纽扣、拉链的衣物。
5. 受热物体表面产生的烟雾对身体有害，请佩戴防尘防烟雾面具 / 口罩。
6. 设备运行过程中能快速使金属表面受热，如要触碰加热区域，请穿戴防热手套谨防烫伤。
7. 设备通电后，请勿触碰加热线圈。
8. 设备使用完毕后，请等待冷却后关闭电源，再取下线圈存放，谨防烫伤。

安全使用守则

1. 设备通电前，请确保电源电压符合产品标示的电压值，允许 10% 的误差范围。
如违背标示电压值操作，可能发生危险并损坏设备。
2. 设备使用前，请确保线圈和机身已牢固装配。
3. 除内置主板有防过热保护措施外，该设备其他配件并无此保护措施。请在标示时间内规范使用，连续使用时间不超过 5 分钟。
4. 设备使用过程中，请确保内置制冷风扇能正常运作。如无法运作，请立即停止使用设备并联系分销商或握友智能科技（深圳）有限公司。
5. 使用软线圈时，建议缠绕 3 圈为佳。
6. 无需使用设备时请关闭电源，取下线圈。
7. 如遇设备故障，请勿擅自进行拆卸维修，需联系分销商或握友智能科技（深圳）有限公司。

使用操作说明

1. 为延长设备使用寿命，建议加热线圈与被加热物体之间保持 5mm 的间距。
2. 评估螺丝大小，选择合适尺寸的加热线圈。
3. 将线圈终端插入固定槽口并拧紧两侧的螺栓来固定线圈。
4. 持续按住手柄处的工作开关 1-3 分钟直至锈迹螺丝被加热至易于拆卸状态。
5. 松开手柄开关，关闭电源，设备停止工作。
6. 请勿使用便携式发电机的电源，不稳定的输入电压可损坏设备并影响保修。
7. 关闭开关，切断电源，待静置冷却 20 分钟后方可直接触碰。
8. 确保开关关闭，切断电源，待设备足够冷却后，可用干燥，干净，非磨蚀性的擦布或纸巾进行清洁，防止污渍进入设备内部。若设备冷却不足即存放，可损坏设备或引起火情。
9. 请确保设备工作加热时线圈内有被加热物体，空载可能引发机器损坏。

保修说明

握友智能科技（深圳）有限公司在此申明，如购买者参照安全手册和使用说明进行规范操作，可凭有效直接购买凭证享受 18 个月免费保修，不包含线圈。