

AUTOOL BT210

Power Circuit Probe Tester

User Manual

用户手册



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CAUTIONS

Warning

- ▶ The BT210 is only applicable to 9-30V direct current, and should not be used for all alternating current, or direct current that is greater than 30V.
- ▶ During the working process, sparks may appear on the probe, so please do not use it around the environment with combustible gas, dust and flammable and explosive atmosphere.
- ▶ In the process of use, if the instrument body or test lead is found damaged, please stop using.
- ▶ The tip of the probe is sharp, please pay attention to safety during use and storage.
- ▶ Please store properly after use.

PRODUCT INTRODUCTION

Overview

BT210 is a tool for vehicle electrical circuit maintenance and detection. It is simple to operate and convenient to carry. It can quickly locate problems in the process of vehicle troubleshooting. There are four detection modes (voltage test, continuity test, polarity test, temperature test) that can be switched to use. It is a good helper for vehicle maintenance.

Product features

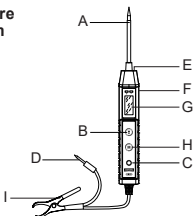
- Four modes are optional.
- Easy to carry.
- Suitable for cars, trucks and motorcycles.
- Measuring voltage range: 9—30V.
- Accurate measurement and overload protection.

Technical parameters

Test voltage range	9-30V
Overcurrent protection	10A
Wire length	about 1.1m

PRODUCT STRUCTURE

Structure diagram



A	Probe Tip	B	Lightning
C	LED Continuity Indicator	D	Probe Tip
E	Light	F	Polarity Indicator Light
G	Display	H	Modes Switch
I	Earth Clamp(ground)		

FUNCTIONS AND USAGE

Introduction to function keys

- Press the "M" key to switch the four test modes.
- Press the "Lighting" key to turn on or off the light beside the probe.

Test modes introduction

After power on, the lighting will be turned on by default and can be turned on or off manually by pressing the key.

- Mode 1 (Voltage test)
(Voltage test.)
- Mode 2 (Continuity test)
(Open- circuit, closed-circuit,virtual circuit and real circuit can be detected.)
- Mode 3 (Polarity test)
(Determine the positive and negative poles, the positive pole means the green light is on, and the negative pole means the red light is on.)
- Mode 4 (Temperature test)
(A temperature sensor is installed at the tip to detect the temperature of the designated contact.)

NOTE

- ▶ Please do not use it around the environment with combustible gas, dust and flammable and explosive atmosphere. And the BT210 should not be used for all alternating current, or direct current that is greater than 30V.

MAINTENANCE SERVICE

Our products are made of long-lasting and durable materials, and we insist on perfect production process. Each product leaves the factory after 35 procedures and 12 times of testing and inspection work, which ensures that each product has excellent quality and performance.

Maintenance

To maintain the performance and appearance of the product, it is recommended that the following product care guidelines be read carefully:

- Be careful not to rub the product against rough surfaces or wear the product, especially the sheet metal housing.
- Please regularly check the product parts that

need to be tightened and connected. If found loose, please tighten it in time to ensure the safe operation of the equipment. The external and internal parts of the equipment in contact with various chemical media should be frequently treated with anti-corrosion treatment such as rust removal and painting to improve the corrosion resistance of the equipment and extend its service life.

- Comply with the safe operating procedures and do not overload the equipment. The safety guards of the products are complete and reliable.
- Unsafe factors are to be eliminated in time. The circuit part should be checked thoroughly and the aging wires should be replaced in time.

Adjust the clearance of various parts and replace worn (broken) parts. Avoid contact with corrosive liquids.

- When not in use, please store the product in a dry place. Do not store the product in hot, humid, or non-ventilated places.

WARRANTY

From the date of receipt, we provide a three-year warranty for the main unit and all the accessories included are covered by a one-year warranty.

Warranty access

- The repair or replacement of products is determined by the actual breakdown situation of product.
- It is guaranteed that AUTOOL will use brand new component, accessory or device in terms of repair or replacement.
- If the product fails within 90 days after the customer receives it, the buyer should provide both video and picture, and we will bear the shipping cost and provide the accessories for the customer to replace it free of charge. While the product is received for more than 90 days, the customer will bear the appropriate cost and we will provide the parts to the customer for replacement free of charge.

These conditions below shall not be in warranty range

- The product is not purchased through official or authorized channels.
- The product breakdown because the user does not follow product instructions to use or maintain the product.

We AUTOOL pride ourselves on superb design and excellent service. It would be our pleasure to provide you with any further support or services.

Disclaimer

All information, illustrations, and specifications contained in this manual, AUTOOL reserves the right of modify this manual and the machine itself with no prior notice. The physical appearance and color may differ from what is shown in the manual, please refer to the actual product. Every effort has been made to make all descriptions in the book accurate, but inevitably there are still inaccuracies, if in doubt, please contact your dealer or AUTOOL after-service centre, we are not responsible for any consequences arising from misunderstandings.

RETURN & EXCHANGE SERVICE

Return & Exchange

- If you are an AUTOOL user and are not satisfied with the AUTOOL products purchased from the online authorized shopping platform and offline authorized dealers, you can return the products within seven days from the date of receipt; or you may exchange it for another product of the same value within 30 days from the date of delivery.
- Returned and exchanged products must be in fully saleable condition with documentation of the relevant bill of sale, all relevant accessories and original packaging.
- AUTOOL will inspect the returned items to ensure that they are in good condition and eligible. Any item that does not pass inspection will be returned to you and you will not receive a refund for the item.
- You can exchange the product through the customer service center or AUTOOL authorized distributors; the policy of return and exchange is to return the product from where it was purchased. If there are difficulties or problems with your return or exchange, please contact AUTOOL Customer Service.

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注意事项

警示

- ▶ 只适用于9-30V直流电环境,切勿用于一切交流电以及大于30V直流电源环境。
- ▶ 在使用过程中,探针上可能会出现火花现象,请勿在周围存在可燃气、粉尘以及易燃易爆环境下使用。
- ▶ 使用过程中,如发现笔体或测试导线存在破损情况,请停止使用。
- ▶ 探针针尖锋利,使用以及存放过程中,切记注意安全。

► 使用后,请妥善存放。

产品简介

概述

BT210是一款对汽车电气线路维修检测的工具,操作简单,方便携带,在汽车故障检修过程中可快速排除问题,共有四个检测模式(电压测试,通断测试,正负极测试,温度测试)切换使用,是汽车维修的好帮手。

产品特点

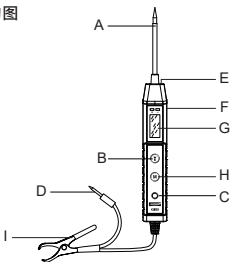
- 四种模式可选
- 方便携带
- 适用于小汽车、大货车、摩托车
- 测量电压范围9-30V
- 测量精准、过载保护

技术参数

测试电压范围	9-30V	线长	约1.1米
过载保护电流	10A		

产品结构

结构图



A	探针	B	照明灯开关
C	LED通断指示灯	D	探针
E	照明灯	F	正负极指示灯
G	显示屏	H	模式切换功能键
I	夹子线(搭铁)		

功能及使用方法

功能键介绍

- 短按测试笔上“M”键,可切换四种测试模式。
- 短按测试笔上“照明”键,可打开或关闭探针旁的照明灯。

测试模式介绍

通电后，照明灯会默认开启，可手动按键开启或关闭

- 模式1（电压测试）
（数显电压测量。）
- 模式2（通断测试）
（可检测开路、通路、虚电路、实电路）
- 模式3（正负极测试）
（判定正负极，正极绿灯亮、负极红灯亮。）
- 模式4（温度测试）
（指针部位安装有温度传感器可以探测指定触点的温度。）

⚠ 注意

- ▶ 请勿在周围存在可燃气体、粉尘以及易燃易爆环境下使用。请勿用于一切交流电以及大于30V直流电源环境

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- 遵守安全操作规程，不超负荷使用产品。产品的安全防护装置齐全可靠，及时消除不安全因素。电路部分彻底检查，老化电线要及时更换。
- 定期清洗和更换易耗部件；调整各部位配合间隙和更换磨损（已坏）部件清洁时，避免产品接触带腐蚀性的液态物品。
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