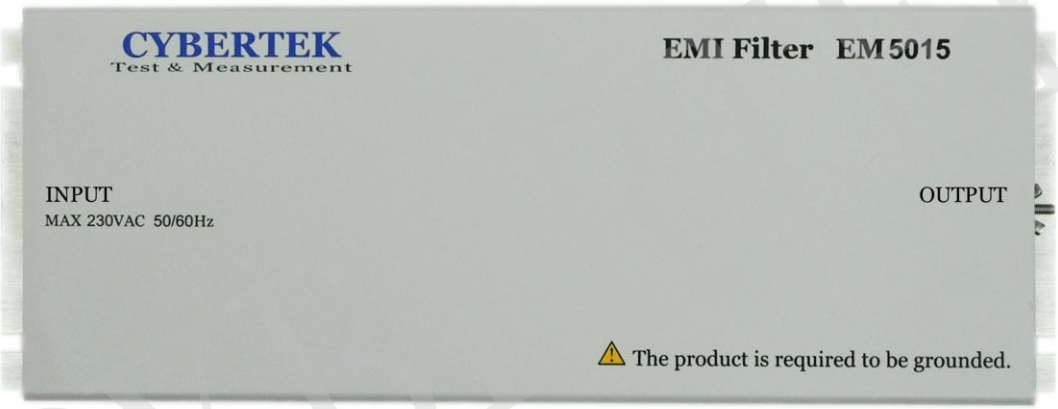
EMI POWER FILTER

EM5015



Shenzhen Zhiyong Electronics Co., Ltd.

Preface

First of all, thank you for purchasing our products, this instruction manual is the description about the function, usage, operation attention points, etc. Before use, please read the instructions carefully and use correctly.

Manual annotation will use the following symbols to distinguish.

This symbol means it is harmful to the machine and human body; you must strictly follow the instruction manual to operate.

Warning **In the case of wrong operation, the user risk injury. The content under this mark records the relevant matters needing attention to avoid such dangers.**

Notice **The user may suffer minor injuries and material damage with the wrong operation. To avoid such situation, the matters under this mark need attention.**

Note **This symbolizes important note about how to use the machine.**

To the safely use the machine, you must abide by the following safety precautions strictly. The violation against the manual is likely to damage the protective function of the machine. In addition, the company is not responsible for any safety problem caused by the violation of matters needing attention in operation.

This Product is designed under International EMC standard, so theoretically there will be leakage current. If grounding is not done properly, there could be deadly electric shock. So, we ask our customers to:

- Ground the device well. (There're grounding spots in the side and rear)
- Install insulated transformer as double protection for users. There're always dangerous problem of bad grounding that users seldom notice in the operation environment. Users can buy the device on the market, or use our Insulated Transformer EM5060 (0.9kVA). This device can satisfy the requirements of most small power testing.
- Do not try to open the shell or connect cable during operation, and do not use the device in somewhere damp or explosive. Please keep the surface of the device dry and clean.
- Make sure the product is used in rated voltage/current range.
- Please contact our company if there's anything wrong with our product. Do not open the shell and try to repair the device, or there could be accident.

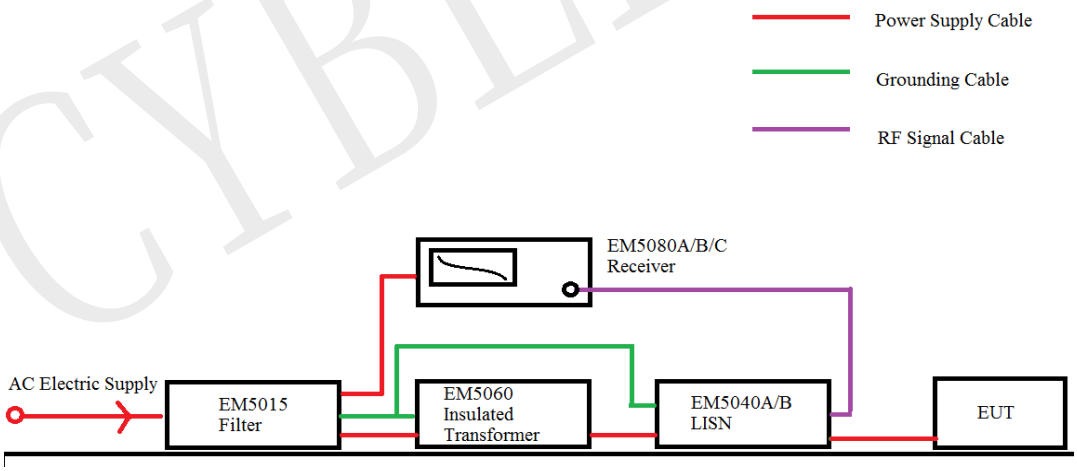
1. Summary

EMI power filter EM5015 is mainly used to filter the interference from electric supply to provide clean electric supply and horizon in the situation with bad condition.

2. Electric Specifications

Frequency range	9kHz—30MHz
Testing circuit phase number	Single Phase
AC voltage range	0～230V AC +10%
AC frequency range	50 / 60Hz ±5%
DC voltage range	0～400V DC
Current range	0~10A
Output interface	International Standard Male Set (one line for EUT, another line for receiver)
Input interface	International standard female set
Operating temperature range	5℃～45℃
Size	320mm（Length）×125mm(Width)×80mm（Height）
Weight	1.15kg

3. Testing Figure



4. Install and Testing

- ✧ Ground Filter, Insulated Transformer and LISN.
- ✧ Connect EM5015 with electric supply.
- ✧ Connect the device under test and place the equipment as shown above.
- ✧ Connect the interference signal output interface of EM5040A/B with the input interface or EMI receiver.

5. Tips

- Please do not open the shell during operation. Do not use the device in damp or risky-of-explosion environment.
- Please read the manual carefully, learn the tips for safety and confirm grounding before testing. Please do testing according to correct process.
- If there's anything wrong with our products, please contact our company immediately. Do not open the shell and try to repair on your own to prevent accident from happening.

6. Packing List

Packing List	
Name	**Amount**
Filter	1
AC power supply cable	1
Instruction book	1
Warranty card	1

CYBERTEK

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