

High Voltage Adapter Box

GHT-117



User Manual

GW INSTEK PART NO. 82HT-11700M01

This assembly manual contains proprietary information, which is protected by copyrights. All rights are reserved. No part of this manual may be photocopied, reproduced or translated to another language without prior written consent of Good Will company.

The information in this manual was correct at the time of printing. However, Good Will continues to improve products and reserves the rights to change specification, equipment, and maintenance procedures at any time without notice.

Good Will Instrument Co., Ltd.
No. 7-1, Jhongsing Rd., Tucheng Dist., New Taipei City 236, Taiwan.



ISO-9001 CERTIFIED MANUFACTURER

GW INSTEK

GHT-117

The GHT-117 High Voltage Adapter Box is an optional accessory of the GPT-9000 series Electrical Safety Tester aimed at providing a convenient way to connect the DUT's AC line socket to the GPT-9000 tester for the AC withstanding, DC withstanding and Insulation Resistance tests.

Consideration

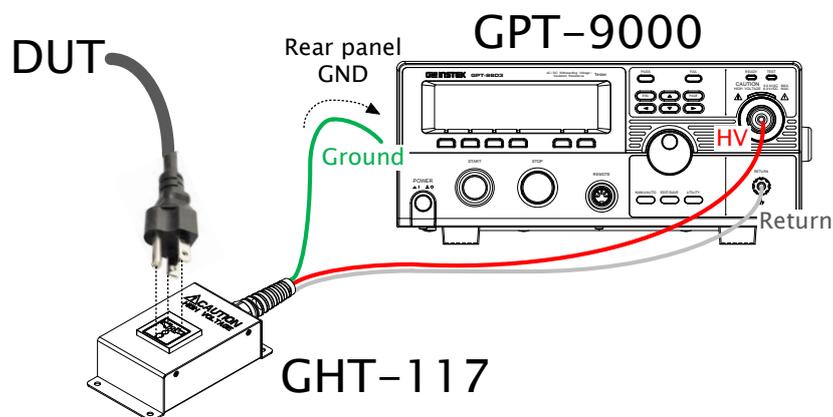


Warning

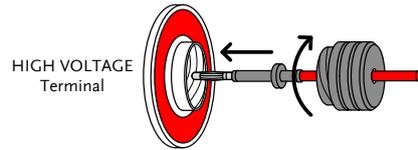
The GPT-9000 series Electrical Safety Testers operate at up to 5kVAC and 6kVDC. To prevent electrical shock, the grounding wire of the adapter box (green/yellow wire) must be connected to the ground connector of the GPT-9000 rear panel. Please also make sure that the GPT-9000 is properly grounded via its AC line input. Please refer to the GPT-9000 User Manual for more information regarding safety and the earth ground connection.

Connection

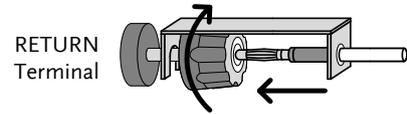
Connection
diagram



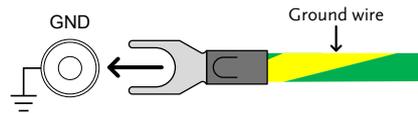
1. Connect the red wire to the High Voltage terminal of the GPT-9000.



2. Connect the white wire to the Return terminal of the GPT-9000.



3. Connect the green/yellow wire to the GND terminal at the rear panel of the GPT-9000.



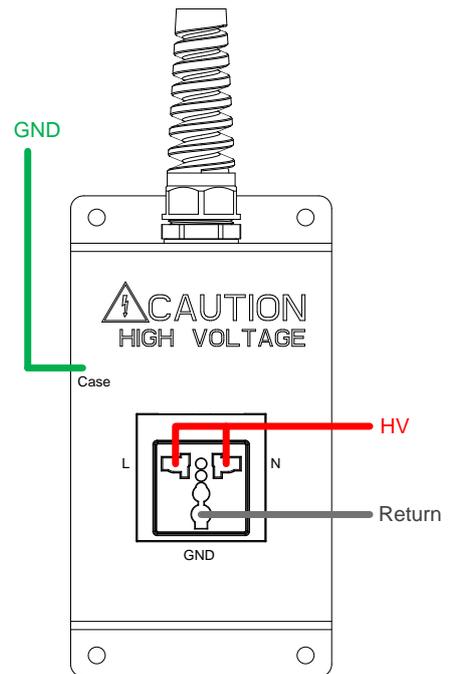
Internal connection

Internal connection diagram

The AC plug L and N terminals are shorted and connected to the red HV wire.

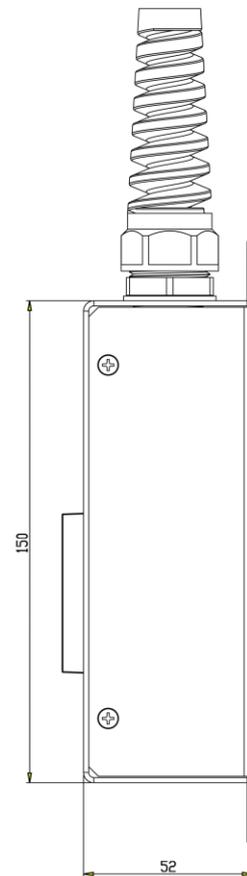
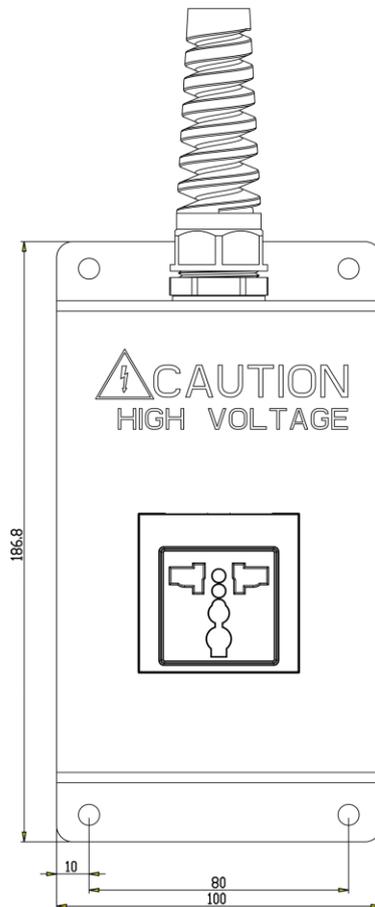
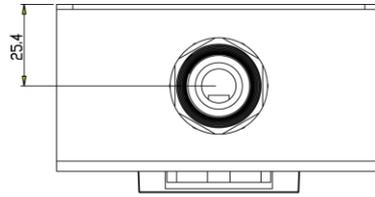
The AC plug GND terminal is connected to the white Return wire.

The adapter's case is connected to the green/yellow GND wire.



Dimensions

Dimensions



Wiring length

Color	Description	Length
Red	High Voltage	1,000mm
White	Return	1,000mm
Green/yellow	Ground	1,500mm