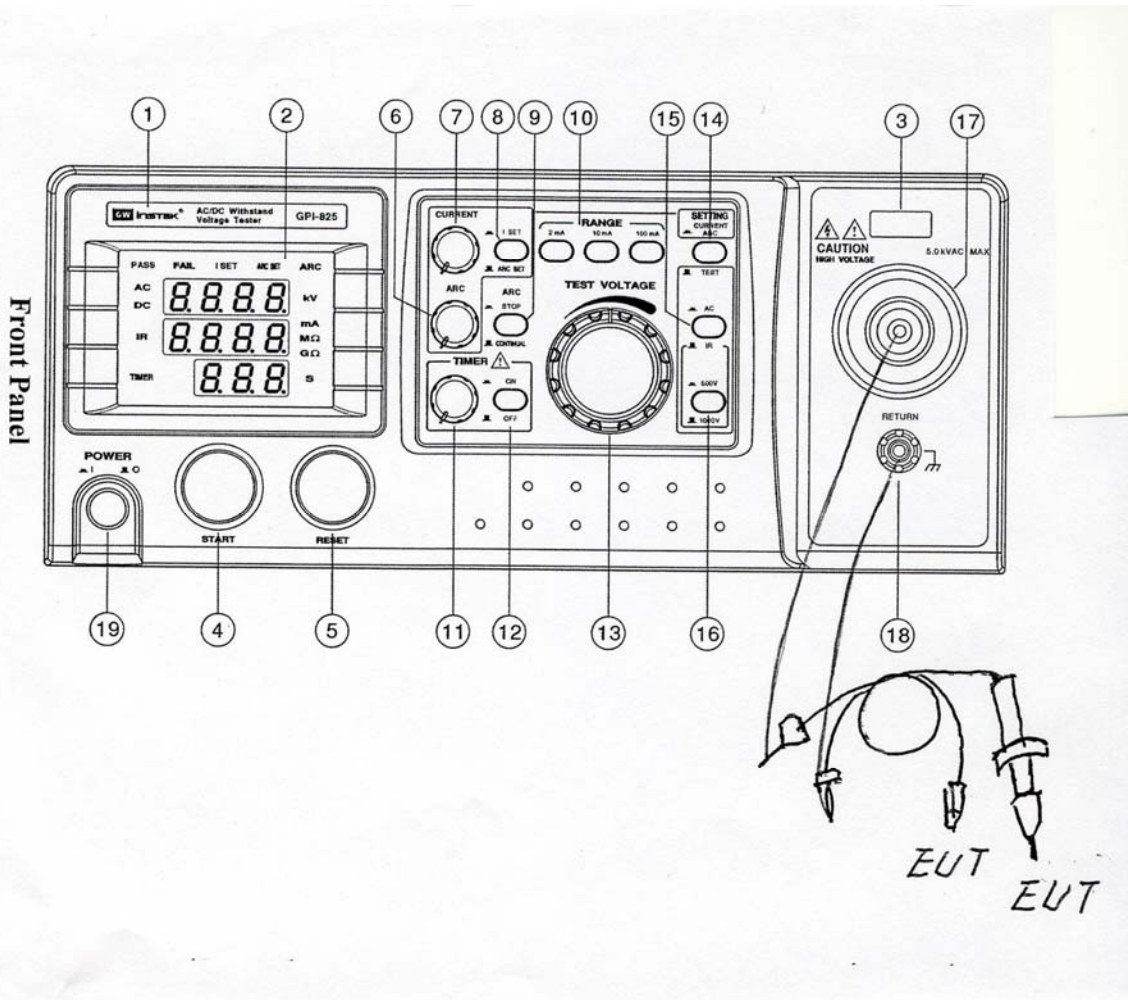


GW INSTEK

Made to Measure

Hipot Tester Quick Start Guide



We will use the GPT-805 as an example. Testing condition:

Output 500VAC.

Cut-off Current 100mA.

ARC 50 mA.

Test time 60 second.

1. Connect the Withstanding /Insulation Tester to the ground.
2. Adjust the VOLTAGE KNOB (knob #13) counter-clockwise to the lowest voltage position.
3. Set POWER SWITCH (knob#19) to ON position.
4. Set CURRENT/ARC (knob #14) to position.
5. Set RANGE (knob #10) to100mA
6. To set the current level set I (knob #8) position, then adjust the Current VR (knob #7) until the value 100.00 is displayed on the panel.
7. Set to ARC mode. Press (knob #8) to position, then adjust the ARC VR (knob #6) until a value of 50.00 is displayed on the panel.
8. Set to test by pressing (knob #14) to the position.
9. Set Timer (knob #12) to ON position, adjust (knob#11) until the timer value is 60 seconds.
10. Connect a test lead from the Return terminal (#18) to the EUT (Equipment Under Test)
11. Connect a red high pot probe from “HIGH VOLTAGE OUTPUT TERMINAL” (terminal #17) to the EUT (equipment under test).
12. Press START (key #4) once and the display reads STBY (Stand BY) mode, then adjust (knob #13) until the 5.0 is displayed.
13. Press START (key #4) to proceed with the test.

NOTE: During the test, the WARNING indicator (DISPLAY#3) will be FLASHING continuously.

14. If the value displayed on the panel drop because of the load being applied, adjust the VOLTAGE KNOB (knob #13) to maintain the value of 5.0
15. If the test on the EUT (equipment under test) is approved, the PASS indicator on the front panel will light up.
16. If the test on the EUT (equipment under test) is not approved, the FAIL indicator on the panel will light up and the buzzer will sound off. You may now remove the high pot probe from the EUT, and press RESET to turn off the buzzer and FAIL light. At this point the instrument will return to its initial status.

