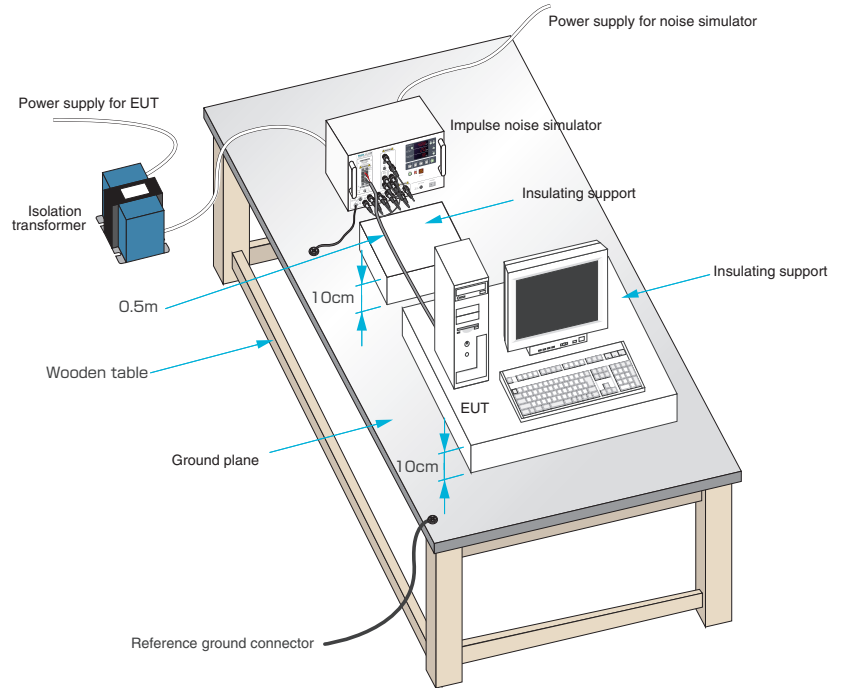


INS Test Setup Summary

INS Test Method

Method or test to power supply lines

- ① Connect power supply line for EUT to EUT LINE INPUT on the simulator main unit (hereafter called as main unit) through an isolation transformer
- ② Lay a ground plane and insulation sheet under main unit and EUT, and ground them for securing
- ③ Connect power supply cable of EUT to main unit (Fold and bind the cable so it can be short in case the length is long)
- ④ Connect short adaptor to SG. Connect SG terminal of main unit and FG terminal (In case it is there) of EUT to ground plane with low impedance braided wire shortly and securely
- ⑤ Connect 50Ω TERM OUT connector to connector of phase (L1 or L2, PE if necessary) the noise is intended to be injected with coaxial cable



Method or test to interconnection lines

- ① Lay a ground plane and insulation sheet under main unit and EUT, and ground them for securing
- ② Open coupling adaptor CA-805B (Option) and clamp interface cable with the adaptor. Connect connector of the adaptor to PULSE OUT of main unit. Connect the one another connector of the adaptor to 50Ω TERM IN of main unit. In case for coupling adaptor CA-803A (Option), connect PULSE OUT of main unit and connector of the adaptor
- ③ Connect power supply cable of EUT to arbitrary power source since no high voltage pulse is injected in this test
- ④ Connect SG terminal and FG terminal of EUT to ground plane

