



Test Instrument Fuses

Fuses are used to protect not only the test instrument from damage but also the operator from injury.

When changing fuses it is important to use the correct fuse as stated by the manufacturer of the test instrument.

Failure to use the correct replacement fuses may cause damage to the test instrument, safety concerns for the user, and damage to the device under test.

Other items to consider:

1. Fuses have internal resistances. Using a non-specified fuses may cause amperage readings to be out of tolerance due to the mismatched resistance.
2. When test instruments are approved by UL the approval includes the fuses specified for the meter. Using non-specified fuses nullifies the UL rating of the meter.
3. The circuit the fuses are protecting was designed specifically to protect the user, tester, and device under test.