



# Western Instruments

Established 1965

## Power Cord Trouble Shooting

1. The first item to check on a Power Cord is the AC Plug (Yellow), to ensure it is in reasonable condition, and that all internal connections are tight and don't interfere with one another (mechanically or electrically).



2. If the AC Plug is OK, proceed with removing the End Cap, by first removing the Nylok Nut and Name Plate. Then gently pull on the end cap with a slight twisting motion. With the End Cap removed, check continuity between the internal connections (Ground, Neutral, and Live) and the AC Plug. If a Yoke has been in service for along period of time or used very often, flexing of the cord, immediately adjacent to the Cord Protector / Strain Relief, can cause breakage in the wires. The Power Cord may look fine, but needs to be checked for continuity.

3. A Cross-Bar is used to retain the End Cap onto the Yoke. The Cross-Bar is steel, that is insulated with Heat Shrink. Sometimes, the internal wires can get pinched against the Cross-Bar, causing a short. Check these wires for damage, which will indicate either a short or breakage in the wire. Repair as necessary, either by re-preparing the end of the Electrical cord or purchasing a new 'Cord Set'.