

Electrostatic Discharge Kit

Safety Precautions

Modern integrated electronic devices, especially CPUs and memory chips, are extremely sensitive to electrostatic discharges (ESD) and fields. Before you handle electronic components or disassemble electronic devices, be sure to follow these simple precautions to protect you and your equipment from ESD.

1. To avoid electric shock, always disconnect the power from an electronic device before you begin to disassemble it. Do not touch any internal components of a device while it is on.
2. Disconnect power from an electronic device before making any hardware configuration changes. The sudden rush of power as you connect a jumper or install a card may damage sensitive electronic components.
3. Only handle internal components in an ESD safe location using appropriate grounding methods.
 - Always ground yourself to remove any static charge before you touch the CPU card.
 - Be particularly careful not to touch the chip connectors.
 - Keep components in their anti-static packaging when they are not installed in the PowerStation, and place them on a static dissipative mat when you are working on them.
 - Wear a grounding wrist strap for continuous protection.

Grounding Wrist Strap

CTC supplies a grounding wrist strap with each electronic component we ship. CTC recommends that you wear this wrist strap whenever you handle electronic components outside their anti-static packaging. Follow these steps to use the grounding wrist strap:

1. Remove the wrist strap from its bag.
2. Securely attach the metal clip to a known earth ground.
3. Slide your hand through the looped end of the wrist strap.
4. Tighten the loop around your wrist.

