



## PPC-420 ADD-ON PROCESS CAPABILITY KIT

### Kit Includes:

- PDS-510 Discharge Simulator
- CVM-780 Contact Voltmeter
- PGA-710B Autoanalysis System
- PED-718 ESD Event Detector
- PicoScope® 3206A Oscilloscope
- Tektronix® CT-1 Current Probe
- Tektronix® TA51 Terminator

## Failure Models

### HBM

#### Human Body Model

This discharge model is used to characterize the ESD susceptibility of an electronic device to a discharge from a person.

### CDM

#### Charged Device Model

This discharge model simulates the discharge from a charged electronic device to a grounded conductor.

### MM

#### Machine Model

This ESD testing model simulates the discharge to an electronic device from a charged conductive item that has a high capacitance. This model is related to the HBM model.

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