

Typical Applications

A Pearson Current Monitor can be used for measuring and monitoring:

- * Current waveshape and amplitude in high and low voltage circuits, from microamperes to megamperes
- * Circuits where the use of viewing resistors is unsuitable because of ground-loop noise, insertion resistance, or a lack of high voltage isolation
- * Pulse currents at high voltage, as associated with microwave or x-ray tube modulators, particle accelerators and lasers
- * Current transients and harmonics in power systems
- * Lightning-strike currents
- * Pulsed charged-particle beam current
- * Current in electrolytes and plasmas
- * EMI currents
- * Video and RF currents
- * Currents in spot and induction welders
- * Antenna phasing
- * Flash-tube current