



### description

The 9103 is a versatile, general-purpose picoammeter designed to accurately measure DC current from the nA to mA range. The easy-to-read user interface is designed to provide optimal control and easy access to all functions. Features such as ASCII programming command language and data recording are standard.

### applications

- Electron & ion beam current measurements
- Mass spectrometer current measurements
- Photodiode current & leakage measurements
- Beam and particle monitoring
- Spectrometer measurements
- Data logging current comparisons



### benefits

**USB Interface:** PC software included

**Data Recording:** Sample data can be recorded and saved

**Programmable:** ASCII command interface makes programming fast and easy

**Bias (Optional):** Increases accuracy of electron or ion beam current measurements

### specifications

USB Interface	160 mW power consumption
2 nA minimum DAC Resolution	0.1 pA
2 mA minimum DAC Resolution	100 nA
Range	2nA to 2 mA with 100 fA resolution
Connections	Input: BNC; Analog Output: Banana jacks