



Electro Optical Components, Inc.

5460 Skylane Boulevard, Santa Rosa, CA 95403

Toll Free: 855-EOC-6300

www.eoc-inc.com | info@eoc-inc.com



FEMTO High Speed Charge Amplifier

FEMTO has developed the high speed charge amplifier HQA-15M-10T for AC coupled charged sources. The HQA-15M-10T has a high gain of 10V/pC and a wide operating bandwidth from 250 Hz to 15 MHz. It has low input noise of $40 \times 10^{-21} \text{ C}/\sqrt{\text{Hz}}$. It comes in a miniaturized and rugged aluminum housing which is designed to optimize EMI shielding. The small size lets you get the amplifier close to the detector, minimizing noise from long detector leads.

The HQA-15M-10T is the ideal tool for atomic force microscopy (AFM), optical measurements and charged particle beam monitoring. It works with tuning fork quartz crystals, length extension resonators and AC coupled charged sources like pyro- and piezoelectric detectors.

FEMTO manufactures a line of high quality specialty amplifiers for signal recovery and processing. These products include Low Noise Current Amplifiers, High and Low Frequency Voltage Amplifiers, Photoreceivers, High Speed GHz Amplifiers and Lock-In Amplifiers.