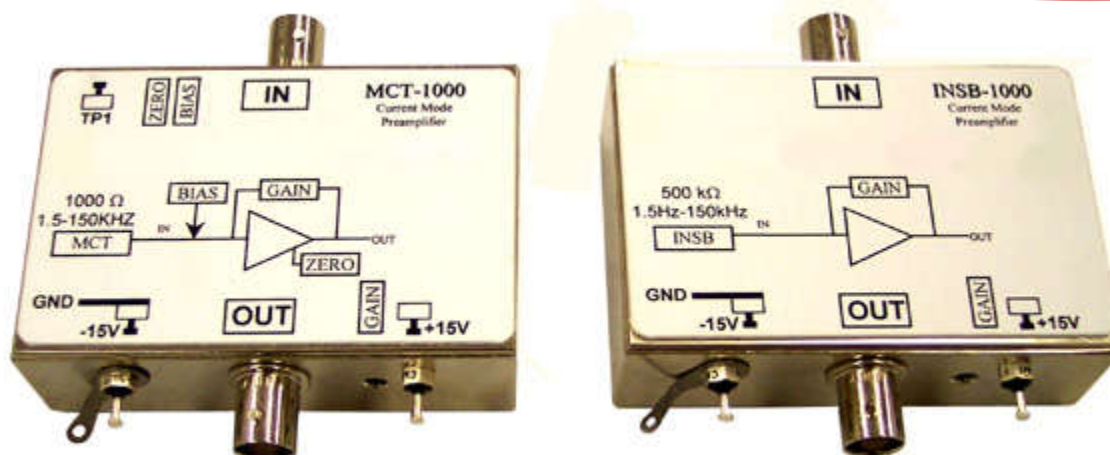




We produce preamplifiers, which provide complete detector interfacing. The proper bias voltage and input stage are selected for each detector type. The preamplifier output is suitable for driving test equipment, A/D cards and instrument circuitry. We fully test and integrate the detector with the preamplifier when supplied, or simulated detector components. Each amplifier is tested with methods most closely matching the final application. From DC response to femtosecond laser pulse, our preamps are optimized to provide the best performance for each task.

<u>MODEL</u>	<u>Type</u>	<u>Bandwidth</u>	<u>Gain</u>
MCT-1000	PC HgCdTe	1.5Hz – 150kHz	50-1000
MCT-1000DC	PC HgCdTe	DC – 150kHz	50-1000
MCT-1000H	PC HgCdTe	1.5Hz – 150kHz	200-4000
MCT-1000HS	PC HgCdTe	500Hz – 1.0MHz	50-1000
PVMCT-1000	PV HgCdTe	1.5Hz – 150kHz	5-100
MCT Array	PC or PV HgCdTe	Any DC-1.0Mhz	5-1000
INSB-1000	PV InSb	1.5Hz – 200kHz	5-100
INSB-1000DC	PV InSb	DC – 200kHz	5-100
INSB-1000HS	PV InSb 2mm	500HZ – 1.0MHz	0.5-10
INSB-1000HS	PV InSb 1mm	500Hz – 1.0MHz	2.5-30