

# Shim Controller offers versatility and stability

MTECH Labs shim controllers are ultra-stable current sources that can be used in a variety of NMR/MRI applications where stable fields are required. The model B1-1S is a basic single-channel current controller stable to 10 ppm (2 ppm typical). It has a compliance voltage of up to 12 volts and a maximum output current of 1 amp (higher currents are available). The controller can be wired as a current source or sink.



The shim controllers can be configured for any number of channels. Each channel features a manual current adjustment, on-off switch, and polarity switch. Current can be adjusted by a 10-turn front panel potentiometer or by an analog signal (0-10 volts) for remote computer control. The controllers require a DC power supply, which can be provided as an option.



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