

## E-Tek MLDC-1016



### Laser Diode Controller

The MLDC- 10 16 Multi-Channel Laser Diode Controller is a precision current and temperature controller for laser diode or LED modules. It can stabilize up to 16 laser diodes individually with two control modes for each channel. In the LDC (Laser Diode Current) control mode, the MLDC-1016 precisely controls laser diode current and temperature simultaneously at setpoints (or set values). In the APC (Automatic Power Control) control mode, the MLDC-1016 automatically controls the optical output power and the temperature at the setpoints simultaneously for each channel individually. The built-in micro-processor processes key-access, function control, data transfer, real time status monitoring/display and remote IEEE-488/RS-232 interfacing.

### Features

- 5-A high output current modules
- 16 user-exchangeable slots
- Interface: IEEE-488/RS-232
- System Driver: LED or laser
- Low noise
- A burn-in and accelerated life-test controller
- Use in fiber optic communication systems
- Digitally controlled plug-in modules
- Analog-stabilized current and power