

# ILXLightwave LDC-3722

## ILXLightwave LDC-3722 Laser Diode Controller

### Features:

- \* Integrated LD and TEC Drive Circuits
- \* Advanced Laser Protection
- \* Precision Temperature Control
- \* Easy to Operate
- \* GPIB IEEE-488 Remote Interface



The ILX Lightwave LDC-3700 Series Laser Diode Controller conveniently offers both laser diode current and temperature control in the same instrument. They offer a low noise, highly stable current source operating in one of three modes: constant current, high bandwidth or constant optical power. Mode 1 is optimized for DC operation, supports external modulation and offers improved laser protection and noise performance. In Mode 2, the output stage supports higher frequency, external modulation with control circuitry optimized for high bandwidth operation. Mode 3 supports constant optical power operation, using photodiode input current as the control setpoint.

