

LUMCOM

Test and Measurement Equipment

Lumcom is available as a benchtop high-resolution (1nm) AOTF FO spectrometer or as individual modules for use with testing fiber optic components. Various light sources are available from broadband incoherent light sources, to high power LED's, to various solid state laser diodes (SLD) sources. All light sources are manually or computer controlled via ethernet connections for your fiber optic application. Greatly enhanced power density within a broadband spectral range is available from a single mode fiber with this new low cost device. The 980/1300/1550 is primarily designed for WDM component manufacturing and testing. In addition, the 980/1300/1550 can be used in a variety of fiber optic sensing applications. Built-in modulation circuitry allows the use of the Lumcom as chopped light source in addition to use in synchronous transmission and detection system. The heart of the Lumcom is our AOTF module which allows rapid (16,000 wavelengths/sec) speed for analyzing your components or FO system requirements. Custom order requirements are always looked on favorably at Brimrose.



Application:

- WDM component manufacturing and testing
- Chopped light source
- Synchronous transmission and detection system
- Sensing system
- Fiber Bragg grating manufacturing and interrogation
- Rapid (16,000 wave/sec) AOTF high resolution spectrometer