

## PRODUCT OVERVIEW

The TECHLITE™ series of test sets allow fiber technicians to perform precise optical testing in the field. The meters, when operated in absolute power mode, are used to determine the level of optical power being emitted from a transmitter. In relative mode, the meters are used with the included source to perform fiber loss measurements or splice tuning operations. The TECHLITE™ meter, in relative measurement mode, will store the zero reference reading for all four wavelengths independently in non-volatile memory. This allows all zero references to be taken at one time and also allows the unit to be turned off while moving between locations preserve battery life. The TECHLITE™ meters utilize a graphic LCD screen to create unusually large and easy to read numbers as graphics to indicate power levels.



**MADE IN USA**



## FEATURES

- Source: 1310nm / 1550nm with ST, SC & FC Adapters
- Meter: 850nm / 1300nm / 1310nm / 1550nm
- Large character graphic display
- 0.01db resolution with zero reference
- Interchangeable meter adapters
- Temperature stabilized operation
- Quick charger built in
- Sealed waterproof carry case

## SPECIFICATIONS

Parameter	Value
Wavelength Source	1310/1550 nm
Fiber Size	100/140 (power meter)
Source Pmin(dBm)	-8
Source Stability(dB/8hr)	+/-0.1 typ
Source Bandwidth	5(1310nm)/5(1550nm)
Meter Range(dBm)	+3 to -60 (1300/1310/1550); +3 to -55 (850nm)
Meter Resolution	0.01dB

Parameter	Value
Meter Accuracy (dB)	+/-0.25
Meter Detector	GE
Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 60°C
Humidity	10% to 90% non-condensing
Power	NiMH4-AA,ALK,120VAC/60Hz
Battery Life	10+ Hours (typ)