

Hand-Held Boresight Laser Meter



Product Description

The Hand-held Boresight Laser Meter is designed to locate and evaluate 1.574 nanometers pulsed laser beam source, support different laser power levels, and is specifically designed for an Eye-Safe laser. Typical laser beam characterizing made with a beam divergence from 1 to 10 mrad at 1000 feet from a Laser Tracking System operating at 50Hz. The Filter Assembly mounted on the front of the unit provides the attenuation capability with an adjustable IRIS and three selectable attenuators.

Applications

- Relative Laser Power Meter
- Laser Beam Divergence
- Laser Beam Profile
- Identify Hot Spots
- Laser Beam Location to Optical Target

Features

- Battery Powered
- Built-In-Test (BITE) – Test Batteries and Amplifier
- 3 Interchangeable Attenuators – Shade Factor 5, 8, and 12

Technical Services

557 Mary Esther Cutoff
Fort Walton Beach, Florida 32548

Electronic Systems

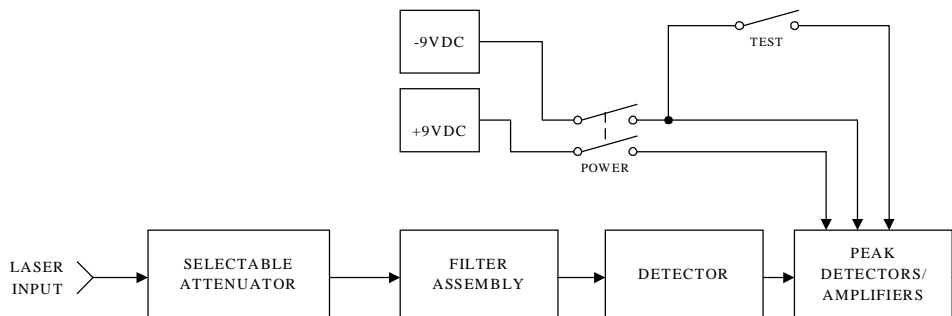
850-244-7752
850-244-7782 fax

Contact [Jim Atkinson](#)

Features and Specifications

Specifications:

- Frequency: 1.574 nanometers
- Bandpass Filter: 40 nanometers
- Power Sensitivity: Designed for 10-50mj lasers using variable IRIS and attenuators
- Size: W/ Filter Assembly 6.66in.L x 3.74in.W x 1.77in.H (169.2 x 94.9 x 44.95mm)
W/O Filter Assembly 6.22in.L x 3.74in.W x 1.77in.H (157.9 x 94.9 x 44.95mm)
- Weight: 15.27 oz(433 grams)
- Power: Two 9-volt batteries
- Environmental:
 - Humidity 0 to 100% non-condensing
 - Temperature 0 degrees C to 50 degrees C



Block Diagram