

## OPTICAL DETECTOR TEST SET TYPE 761B



The PVMS Test Box Type 761-100 has been designed as an aid to testing and servicing the Optical Detector type 758/858, as used in the Projectile Velocity Measuring System (PVMS).

Previously it has been found difficult to check the basic operation of such systems without the need for firing live rounds under range conditions. With the Test Box Type 761-100 it is possible to simulate the passage of a projectile over the Optical Detectors under a variety of background lighting conditions.

The Test Box consists of a Test Box and one LED (light emitting diode) transmitter unit which connects to the Test Box by means of 3m BNC Lead. The transmitter unit is used in place of the lens in the Optical Detector unit of the PVMS. The background lighting conditions, for example the sky, are simulated by the DC component of the LED current, and decreasing the standing LED current simulates the passage of the projectile.

### SPECIFICATION

**Controls:**

**Front Panel Rotary Switch**

Light Level (Select LED standing current - Variable positions)

**Front Panel Push Buttons**

Power ON/OFF, Trigger

**Indicators**

Low Battery, Power/Trigger

**Characteristics:**

Power Supply

9v DC

Operating Temp. Range / Humidity

0°C to 60°C / 95% non-condensing

Dimensions

80mm x 180mm x 60mm

Weight

750g

LED Assembly

60mm x 45mm

Weight

0.75 Kg