

Ensuring Constant Performance



OPTICAL DETECTOR TEST SET TYPE 761-100

The Optical Detector Test Set 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 Measurement System (PVMS), under laboratory conditions.

With the Test Set, it is possible to simulate the passage of various projectiles over the Optical Detectors under a variety of background lighting conditions, ensuring consistent success in trials and leading to a faster, more cost-effective testing process.

CONSISTENT SUCCESS

HARDWARE/SOFTWARE

- **LED Transmitter Units** are used in place of the lenses in the Optical Detector units of the PVMS. They are connected to the Test Set by means of a 3m BNC Lead
- **Background Lighting Conditions** are simulated by the DC component of the LED current.
- **Projectile Passage** is simulated by decreasing the standing LED current.

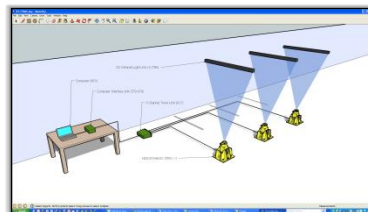
SPECIFICATION

POWER/COMMS	
Power	9 VDC Battery
CONTROLS	
Front Panel Rotary Switch	Light level (select LED standing current – variable positions)
Front Panel Push Buttons	<ul style="list-style-type: none"> • Power on/off • Trigger
Indicators	<ul style="list-style-type: none"> • Low Battery • Power/Trigger
ENVIRONMENT	
Operating Temperature	0°C - 50°C [32 °F - 122 °F]
Humidity	95% non-condensing
DIMENSIONS	
L x W (LED Assembly)	60mm x 45mm [2.36in x 1.77in]
L x W x H	80mm x 180mm x 60mm [3.15in x 7.09in x 2.36in]
Weight	0.75kg [1.65lbs]

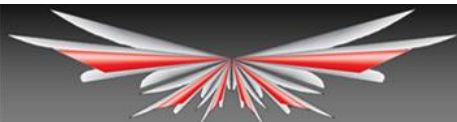
USED WITH



Optical Detector Type 858



Project Velocity Measurement System



MS INSTRUMENTS Range Consultancy

Precision, Expertise, Quality

- Professional Bespoke Range Designs
- State-of-the-Art Product Rendering
- Only the Latest Standards



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