

Portable Stroboscope Type PS-1

Product description

This battery operated portable digital Stroboscope is ideal for general purpose applications, it is lightweight, internally battery powered by NiMH rechargeable batteries.

The high flash power of 800 Lux provides more than adequate light output for many applications.

Digital Flash Control provides accurate and simple yet highly stable, repeatable flash rate setting.

External Trigger feature allows automatic triggering from a 5v external pulse input, nominally 7vdc supply is available for Sensor power.

A universal AC power charger is supplied, 100 - 240VAC with clip on mains connection adaptor set to suit most Countries around the world.

Charge rate from fast rate trickle charge is automatically controlled and LED indication of charge mode is standard.

Light weight and with a torch like feel, the PocketStrobe is a truly handy portable instrument giving a first class performance.

The PocketStrobe kit is supplied with carrycase.

Optical Trigger Sensor

See separate data sheets on the Compact range of sensors.

There are two types of 5Vdc powered VLS Series Laser Sensors which can use the PocketStrobe, the standard VLS5/LSR or our MiniVLS Laser Sensors.

General Specification

Flash rate	30 - 12,500fpm
Accuracy	+/- 0.01% +/- 1 digit
Resolution	+/- 1 digit (fpm)
Repeatability	+/- 1 digit
Display	5 digit LCD
Flash light power	800 Lux @ 20cm
Flash energy	max. 150mJ
Flash duration	< 20 Us
Flash colour	6000..6500 K
EXT Trigger input	3.5mm Stereo socket, 0-5v DTL/TTL pulse 7.2v max. un-reg. supply available
Power source	NiMH battery (internal)
Operation time	min. 1 hour continuous
Battery protection	Yes
Charge time	3.5 hrs
Trickle charge	Yes - automatic
Charger	100 - 240vac Universal with worldwide adaptors
Carrycase	supplied
Housing	ABS two tone black/grey
Weight	465g



Order Codes	Description
Type PS-1	Portable Stroboscope