

Palm Strobe x

RoHS NIST CE



Palm Strobe x

Common Applications:

- Data Collectors
- Fans
- Printing Presses
- R&D
- Utilities
- Felt Belts/Conveyor
- Vibration Studies
- Textiles

PALM STROBE x Offers excellent brightness, exceptional features and extra long battery life. Unique one-touch joystick-type button allows single hand operation for fast fractional RPM tuning. Select mode of operation for internal tuning, external TTL input, tachometer display and $\times 2 \div 2$ functions. Eight memory positions provide rapid recall of user defined frequencies.

Features:

- Removable Plug-in Battery Pack
- Easy One Hand Operation
- Light weight, Pocket Size
- Flash Rates to 12,500 FPM
- Tachometer Mode from Remote Sensors
- TTL Compatible Input/Output



Palm Strobe x Deluxe Kit



Unlimited Power

World's First Stroboscope with removable, rechargeable battery pack (patented).



Remote Trigger

Supports optional SPSR (self-powered sensor) trigger. See page 10.



Universal Power 115/230Vac

Universal Power Supply allows you to recharge anywhere in the world.



Portable Inspection Light

Unique Field Holster gives you true mobility.



TTL Pulse Input/Output Cable

Input/Output cable with BNC connector.

Ordering Information

Palm Strobe x 115/230 - Stroboscope with PSC-2U (115/230Vac) recharger *

Palm Strobe x Pak 115/230 - Same as above with spare battery and holster

Palm Strobe x Kit 115/230 - Stroboscope with PSC-2U (115/230 Vac) recharger *, Spare Lamps and Latching Carrying Case

Palm Strobe x Deluxe Kit - Stroboscope and Battery with PSC-2U (115/230 Vac) recharger *, Spare Lamps & Battery, Holster and Latching Carrying Case

* Includes USA, Australian, UK and Euro plug adapters.

Specifications	Palm Strobe x Series
Internal Mode Range	100 - 12,500 FPM (Flashes per Minute)
Light Power	7.9 watts @ 6000 FPM, 150 mJoules up to 3100 FPM
Flash Lamp Life	100 million flashes typical
Flash Duration	10 - 30 microseconds typical
Display	6-digit alphanumeric backlit LCD display
Flash Rate Resolution	0.1 FPM
Flash Rate Accuracy	Greater of $\pm 0.01\%$ of reading or ± 0.5 FPM
Tachometer Mode	5 to 250,000 RPM
External Input	0 to 5 Vdc (12 Vdc max.) TTL compatible, positive edge triggered
Output Pulse	0 to 5 Vdc typical- 350 μ sec positive pulse
Run Time	2 Hours typical @ 1800 FPM >1 Hour typical @ 6000 FPM
Memory	8 programmable flash rates and last flash rate at power down
Adjustment	Four quadrant tuner button with blinking decade select for flash rate up and down, multiply by 2 and divide by 2
Modes	Internal, External, Tachometer, Preset, \times or $\div 2$, Locked On
Battery Power	Removable 6Vdc rechargeable battery pack
Recharger(s)	PSC-2U Recharger, 100-240Vac, 50/60Hz, includes 4 adapters
Weight	1.2 lbs. (0.55 kg) including battery
Strobe Dimensions	3.04 x 9.34" (77 x 237 mm)

Exclusive Distributors in India :

Ambetronics Engineers Pvt. Ltd.
AN ISO 9001 : 2000 COMPANY

17-B, Tarun Industrial Estate, Mogra Pada,
New Nagardas Road, Andheri (East), Mumbai-400069, India.
Tel.: +91-22-66995525, 28371143 • Fax: +91-22-28226570

Cell : +91 9324571143, +91-9821062102

E-mail: sales@ambetronics.com • Web: www.ambetronics.com