Palm Strobe x Stroboscope

The Palm Strobe x offers excellent brightness, exceptional features, rugged construction 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 pulse input, tachometer display and x2/÷2 functions. Eight memory positions provide rapid recall of user-defined frequencies. The Palm Strobe x can be ordered in various configurations to fit the demand of your application.

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Features:

- Patented plug-in-battery pack
- Easy one-handed operation
- Lightweight
- Flash rates to 12,500 FPM
- Tachometer mode from Self-Powered Sensors
- TTL compatible input/output (3.5mm phone plug)
- NIST Certificate included

Specifications*	Palm Strobe x
Internal Mode Range	100 to 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 μsec typical
Display	6 digit alphanumeric backlit LCD display
Flash Rate Resolution	0.1 FPM
Flash Rate Accuracy	Greater of ± 0.01% of reading or ± 0.5 FPM
Tachometer Mode	5 to 250,000 RPM
External Input	0 to 5VDC (12VDC max) TTL compatible, positive edge triggered
Output Pulse	0 to 5VDC typical - 350 μsec positive pulse (2.5 mm) 1/8" phone plug
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, x or ÷ by 2, locked on
Battery Power	Removable 6VDC rechargeable NiMH battery pack
Recharger	100-240VAC, 50/60Hz, includes 4 interchangeable adapters
Weight	1.2 lbs. (0.55 kg) including battery
Dimensions	3.04 x 9.34 in. (77 x 237 mm)

*Specifications are subject to change without notice.

Accessories:

Remote Optical Laser Sensor
PN 6180-029

Remote Optical LED Sensor
PN 6180-057

Protective Cover
PN 6280-044

Palm Strobe Holster
PN 6280-043

Miniature Tripod
PN 6180-040

Rechargeable NiMH Battery Pack
(in blue/grey housing)
PN 6280-026

L-1905 Replacement Xenon Lamp
PN 6280-028

PSC-2U Universal Recharger
PN 6280-022

Ordering Information

Model	Description	Part No.
Palm Strobe x	Strobe with battery pack, PSC-2U 115/230VAC recharger and NIST Certificate	6205-050
Palm Strobe x Pak	Strobe with 2 battery packs, PSC-2U 115/230VAC recharger, holster, and NIST Certificate	6205-051
Palm Strobe x Kit	Strobe, battery pack, PSC-2U 115/230VAC recharger, spare lamp, and NIST Certificate with a standard carrying case	6205-052
Palm Strobe x Deluxe Kit	Strobe, 2 battery packs, PSC-2U 115/230VAC recharger, spare lamp, and NIST Certificate with a standard carrying case	6205-053

Accessories available on website

For details, see Palm Strobe webpage.

Palm Strobe x Deluxe Kit

Holster for the Palm Strobe x