



Palm Strobe

Common Applications:

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

PALM STROBE is the new industrial standard for high intensity, multi-function compact Xenon strobes. Unique one-touch joystick-type button allows single hand operation for fractional RPM tuning. Select mode of operation for internal tuning, external TTL input, tachometer display and $x2 \div 2$ functions. 6 memory positions provide rapid recall of user defined frequencies. The unique rugged industrial strength design offers:

Features:

- Removable Battery Pack
- One Hand Operation
- Light weight, Pocket Size
- Flash Rates to 12,500 FPM, 1100 lux
- Tachometer Mode
- TTL Compatible Input/Output



Unlimited Power

World's First removable, rechargeable battery pack Stroboscope



Remote Trigger

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

Portable Inspection Light

Unique Field Holster gives you true mobility



Universal Power

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



Palm Strobe Deluxe Kit



Ordering Information

Palm Strobe 115 w/ 115 Vac Recharger
 Palm Strobe 230 w/ 230 Vac Recharger
 Palm Strobe Kit with either 115 or 230 Vac Recharger, Spare Lamps and Latching Carrying Case.
 Palm Strobe Deluxe Kit, 115 or 230 Vac Recharger, Spare Lamps, Carrying Case, Spare Battery & Holster
 Universal Power Supply available for any Palm Strobe, 90-240 Vac, 50-60 Hz
 Spare Batteries
 L-1904 Replacement Xenon Lamp
 CC-9 Latching Carry Case

Specifications	Palm Strobe Series
Display	6-digit alphanumeric backlit LCD display
Light Power	7.5 watts (effective power), 175 mJoules
Flash Lamp Life	100 million flashes typical
Flash Duration	10 - 30 microseconds typical
Internal Mode Range	100 - 12,500 FPM (Flashes per Minute)
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	0-5 Vdc typical- 350 μ sec positive pulse
Run Time	Over 75 mins. at 1800 FPM with fully charged batteries
Memory	Saves flash rate at power down
Adjustment	Four Quadrant Pressure Sensitive Joystick Button adjusts flash rate, multiply and divide by 2.
Modes	Internal, External, Tach, Preset, x or $\div 2$, Locked On
Battery Power	Removable 6Vdc Rechargeable Pack
Recharger(s)	PR115 110-120 Vac or PR230 240 Vac, 50-60 Hz
Weight	1.4 lbs. (0.64 kg) including battery
Strobe Dimensions	3.04 x 9.34" (77 x 237 mm)