

Palm Strobe Series

NIST



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 ÷2 functions. 6 memory positions provide rapid recall of user defined frequencies. The unique rugged industrial strength design offers:

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

Common Applications:

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



Unlimited Power

World's First removable, rechargeable battery pack Stroboscope



Remote Trigger

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



Universal Power

Optional Universal Power Supply, recharge anywhere in the world.



Portable Inspection Light

Unique Field Holster gives you the mobility you need.



Palm Strobe

Specifications	
Display	6-digit alphanumeric backlit LCD display
Light Power	7 watts (effective power), 150 mJoules, 1100 lux
Flash Lamp Life	50 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 50 mins. at 1800 fpm with fully charged batteries
Memory Adjustment	Saves flash rate at power down Four Quadrant Pressure Sensitive Joystick Button adjusts flash rate, multiply and divide by 2.
Modes	Internal, External, Tach, Preset, + or x2, Locked On
Battery Power	Removable 6Vdc Rechargeable Lead-acid Battery Pack. requires: 9Vdc @ 300 mA
Recharger(s)	PR115 110-120 Vac or PR230 240 Vac, 50-60 Hz
Weight	1.4 lbs. (0.64 kg) including battery
Dimensions	3.04 x 9.34" (77 x 237 mm)



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 Recharger available for any Palm Strobe, 90-240 Vac, 50-60 Hz
Spare Batteries
L-1904 Replacement Xenon Lamps (pair)
CC-9 Latching Carry Case