

PALM STROBE™

Portable Digital Industrial Stroboscope



PALM STROBE is the new industrial standard for high intensity, multifunction, ultra compact, Xenon stroboscopes. **It offers the World's first removable, rechargeable battery pack.** Stop-action and Slow-motion inspections are made simple with the unique one-touch joystick-type tuning button. Additional features provide rapid x2 and ÷2 of current flash rate, Tachometer Mode with external trigger and Memory recall functions. **PALM STROBE** can even be operated "hands-free" with our standard tripod mounting bushing. Unique rugged industrial strength design offers:

- ▶ Removable Battery Pack
- ▶ One Hand Operation
- ▶ Lightweight, Compact Size
- ▶ Flash Rates to 12,500 FPM
- ▶ Tachometer Mode
- ▶ Remote Triggering/Pulse Output
- ▶ Short Arc Lamp maximizes Light Output

VIEW FROM THE TOP

Crystal clear digital display with backlight.



Battery Status

LED indicates when low or fully charged.

ONE-TOUCH TUNING

Unique joystick-type button allows single hand operation.

UNLIMITED POWER

Monarch innovation leads again with the World's **first and only removable, rechargeable battery pack** Stroboscope. Recharge battery in or out of strobe.



PALM STROBE pictured with optional spare battery



N.I.S.T. Traceable Certificate of Calibration Included.



Optional PR Universal Recharger (100-230 Vac) with U.S., U.K., Aus, and Euro adapter plugs. Order P/N 6280-017.



MONARCH INSTRUMENT

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PALM STROBE pictured with optional Spare Battery. PALM STROBE is available in a variety of configurations, build exactly the instrument you require using the Item Numbers below.

PALM STROBE DELUXE KIT 115 includes: PALM STROBE, (2) PS Batteries, 115 VAC Recharger, (2) Lamps, Holster and Latching Carrying Case. Order P/N 6205-013.

PALM STROBE PAK 115 includes: PALM STROBE, (2) PS Batteries, 115 VAC Recharger and Holster. Order P/N 6205-011.



PALM STROBE SPECIFICATIONS

Display	6 digit alphanumeric backlit LCD 0.3" (7.6 mm) digits		
Light Power	140 mJ/flash, short arc lamp as bright as 10 watt units		
Flash Duration	10 - 30 microseconds typical		
Internal Mode	Flash Range: 100 - 12,5000 FPM Resolution: ±0.1 FPM Accuracy: ±0.5 FPM or ±0.01% of reading. Update Rate: Instantaneous	External Mode	Range and Display: 5 - 12,500.0 FPM Update Rate: 1 second typical FPM Accuracy: ±0.2 FPM Trigger to Flash Delay: < 5 µsec External Input: 0 - 5 volt TTL compatible (+12V pk max) 20 µsec min pulse width. Positive edge triggered.
Tachometer Mode	Range: 5 - 250,000 RPM Accuracy: ± 0.01% or 0.1 RPM Update Rate: 1 second typical External Input: 0 to 5 volt TTL compatible (+12V pk max) 5 µsec min pulse width. Positive edge triggered		
Run Time	1 hour typical at 1800 FPM with fully charged batteries.		
Adjustment	Four Quadrant Pressure Sensitive Joystick Button adjusts flash rate, x2 and ÷2		
Output Pulse	350 µsec positive pulse, 5 Vdc typical		
Power	Removable 6V Rechargeable Battery Pack with integral charge control electronics		
Weight	1.4 lbs (0.63 kg) including battery		

PALM STROBE ORDERING INFORMATION (N.I.S.T. Traceable Certificate of Calibration included with Stroboscope)

Item #	Model	Description	Price
6205-010	Palm Strobe 115	Strobe, Battery, PR115 Recharger	\$ 495.00
6205-011	Palm Strobe Pak 115	Strobe, (2) PS Batteries, PR115 Recharger and Holster	\$ 620.00
6205-012	Palm Strobe Kit 115	Strobe, Battery, PR115 Recharger, Spare Lamps and Latching Carrying Case	\$ 600.00
6205-013	Palm Strobe Deluxe Kit 115	Strobe, (2) PS Batteries, PR115 Recharger, Spare Lamps, Holster and Latching Carrying Case	\$ 725.00
6205-020	Palm Strobe 230	Strobe, Battery, PR230 Recharger	\$ 500.00
6205-021	Palm Strobe Pak 230	Strobe, (2) PS Batteries, PR230 Recharger and Holster	\$ 625.00
6205-022	Palm Strobe Kit 230	Strobe, Battery, PR230 Recharger, Spare Lamps and Latching Carrying Case	\$ 605.00
6205-023	Palm Strobe Deluxe Kit 230	Strobe, (2) PS Batteries, PR230 Recharger, Spare Lamps, Holster and Latching Carrying Case	\$ 730.00

OPTIONS AND ACCESSORIES

Item #	Model	Description	Price
6280-025	PS Battery	Rechargeable Lead-Acid Battery Pack	\$ 99.00
6280-043	PS Holster	Nylon Holster with Belt Loop and Battery Pack Pouch	\$ 26.00
6280-015	PR115	Recharger, 115 Vac	\$ 40.00
6280-016	PR230	Recharger, 230 Vac, 6 foot (1.82 m) Cable with Euro Plug	\$ 45.00
6280-017	PR Universal	Recharger, Universal 100-240 Vac, 50-60 Hz, USA, UK, AUZ and Euro adaptor plugs	\$ 65.00
6280-029	L-1904 (twin pack)	(2) Replacement Xenon Lamps	\$ 65.00
6280-042	CC-9	Latching Plastic Carrying Case	\$ 40.00
6280-037	PS PO Cable	Pulse Output Cable, 6 Feet – 1/8" Mono Plug to BNC Connector (CA-4044-6 1/8" to BNC)	\$ 35.00
6280-032	PS Input Cable	Pulse Input Cable, 6 Feet – 1/8" Stereo Plug to BNC Connector	\$ 36.00

Prices and Specifications subject to change without notice.



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