
Pocket STROBOSCOPE PK2

30–12,500 RPM/FPM
and higher, using harmonics

The new Pocket Strobe™ Model PK2 is a highly stable instrument for taking non-contact RPM measurements and inspecting moving parts by “freezing” or “slowing down” the action.

The PK2 requires only one hand to operate, yet delivers performance comparable to much larger and heavier “pistol-grip” type models.

The PK2 is ideal for industrial, laboratory, R&D and academic environments. Its small size and excellent performance provide superior convenience and value — at a reasonable price.



FEATURES

- Internal NiMH battery provides one hour of continuous operation, regardless of flash rate
- Bright (800 Lux) flash intensity with life of 100 million flashes
- Resolution of ± 1 RPM over the entire range with highly accurate speed control and drift-free operation
- Fits in pocket or can be worn on optional belt holster—small and light for portable, one-hand use
- Accepts input from sensor for external flash triggering
- CE-certified
- **Free NIST Certification**

PK2 Stroboscope

Complete Kit

Complete Kit includes:

Stroboscope, battery charger, external triggering jack, NIST-traceable calibration certificate and instruction manual, all supplied in a hard shell carrying case.



Spares & Accessories



PK2-TBE	Spare Xenon flash tube
PK2-HLT	Padded-vinyl & leather belt-clip holster
PK2-PHONO	Connection jack for external trigger input or optional output signal
PK2-TRI	Telescoping tripod.
PK2-BNC	External triggering cable; 6 ft. long; 1/8" male to BNC connections.
PK2-8M	External triggering cable; 6 ft. long; 1/8" male to 1/8" male connections.
PK2-BAT	Replacement NiMH Battery Pack.
PK2-BC-WORLD	Replacement Universal Battery Charger (100–240 VAC)

Specifications

Flash Range	30 – 12,500 FPM	Operating Time	1 hour, regardless of flash rate
Flash Brightness	800 Lux	Battery Charger	
Accuracy	± 0.01% and ± 1-digit, over entire range	<i>Power Required</i>	199–240 VAC, 50/60 Hz
Resolution	±1 FPM over entire range	<i>Output</i>	4.8–12 VDC @ 600 mA max
Display	5-digit LCD	<i>Charging Time</i>	2–3 hours, typical
Display Update	0.5 seconds	Overcharge Protection	Yes
Flash Energy	150 mJ maximum	CE Certification	Yes
Flash Tube Longevity	100 million flashes	Weight	1.1 lbs (500g) including battery
Flash Duration	<20 µs	Housing Material	High Impact ABS Plastic
External Trigger	0–5 volt, DTL/TTL compatible 1/8" jack	Reflector Material	Aluminum
Signal Output	0–5 volt, DTL/TTL compatible 1/8" jack (OT Models only)	Tripod Mount	1/4–20, female insert
Internal Battery	NiMH	Operating Temp.	32 to 104° F (0 to -40° C)

Specifications subject to change without notice.

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