

# Pocket STROBOSCOPE PK2

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

The 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  $\pm 1$  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



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

## Specifications

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

*Specifications subject to change without notice.*

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