

Pocket STROBOSCOPE

PK2

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

The CHECK•LINE[®] 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 performace 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.

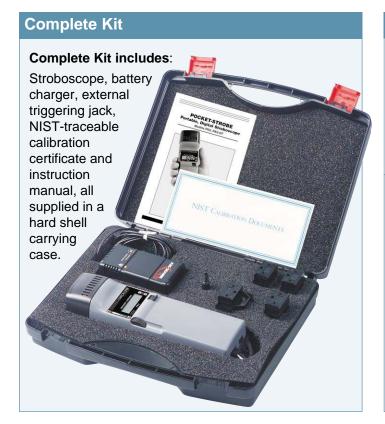




FEATURES

- 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
- C€-certified
- Free NIST Certification

PK2 Stroboscope





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.

Replacement Universal Battery Charger (100–240 VAC)

Specifications

Flash Range 30 – 12,500 FPM

Flash Brightness 800 Lux

Accuracy ± 0.01% over entire range or 1 LSD

Resolution ±1 FPM over entire range

Display 5-digit LCD

Display Update 0.5 seconds

Flash Energy 150 mJ maximum Flash Tube Longevity 100 million flashes

Flash Duration <20 µs

External Trigger 0–5 volt, DTL/TTL compatible

1/8" jack

Signal Output 0–5 volt, DTL/TTL compatible

1/8" jack (OT Models only)

Internal Battery NiMH

Operating Time 1 hour, regardless of flash rate

Battery Charger

PK2-BC-WORLD

Power Required 199–240 VAC, 50/60 Hz
Output 4.8–12 VDC @ 600 mA max

Charging Time 2–3 hours, typical

Overcharge

Protection Yes
CE Certification Yes

Weight 1.1 lbs (500g) including

battery

Housing Material High Impact ABS Plastic

Reflector Material Aluminum

Tripod Mount 1/4–20, female insert **Operating Temp.** 32 to 104° F (*0 to -40° C*)

Specifications subject to change without notice.

CHECK-LINE - Precision Quality Control Instruments

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