

TECHNICAL DATA

Features

- Simply aim the instrument at the rotational object and synchronize the strobe's flash rate (FPM) with object speed (RPM)
- Push buttons quickly double and divide flashing rate
- 5-digit LED display
- 5 to 30 minute duty cycle (RPM dependent)
- Pistol grip handle
- Tripod mount for stationary use
- External trigger input
- RS232 serial interface
- Includes light bulb, pistol grip handle and power cord

Specifications

Flash Range:	10 to 10,500 RPM
Resolution:	5 to 999.9: 0.1 RPM 1,000 to 9,999: 1 RPM ≥10,000: 10 RPM
Basic Accuracy:	<999: ±(0.15% rdg. +0.2 RPM) 1,000 to 3,300: ±(0.5% rdg. +1 RPM) 3,301 to 10,500: ±1%

Flash Tube Specifications

Type:	Xenon lamp
Flash Duration:	Approx. 60 to 1000 μs
Flash Color:	Xenon white 6,500°K
Flash Energy:	4 Watt-seconds (joules)
Beam Angle:	80 degrees

General Specifications

Response Time:	<1 second
Display Size/Type:	5 Digit LED Display
Internal Memory:	Yes (10 datapoints)
Tripod Mount:	Yes
PC Connectivity:	USB Cable (optional)
Software:	SW-U801-WIN Software (optional)
Software Compatibility:	Windows XP / Vista / 7
Power Supply:	110VAC or 230VAC, 50/60 Hz
Product Certifications:	CE
Operating Temperature:	32 to 122°F (0 to 50°C)
Storage Temperature:	-4 to 140°F (-20 to 60°C)
Operating Humidity:	10 to 80%
Dimensions:	8.3 x 4.8 x 4.8" (201 x 120 x 120mm)
Weight:	2.2lbs (1kg)



Top View

Model	Description
K4030	Digital Stroboscope, 110V
K4020-BULB	Replacement Bulb
R1500	Lightweight Tripod
R8888	Hard Carrying Case
SW-U801-WIN	Data Acquisition Software
USB-01	USB Cable
K4030-NIST	Digital Stroboscope, 110V & NIST