

### 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 sec
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:	10-80%
Dimensions:	8.3 x 4.8 x 4.8" (201 x 120 x 120 mm)
Weight:	2.2lbs (1kg)



Top View

Model	Description
<b>K4030</b>	Digital Stroboscope, 110V
<b>K4030-230V</b>	Digital Stroboscope, 230V
<b>K4020-BULB</b>	Replacement Bulb
<b>R1500</b>	Lightweight Tripod
<b>R8888</b>	Deluxe Hard Carrying Case
<b>SW-U801-WIN</b>	Data Acquisition Software
<b>USB-01</b>	USB Cable
<b>K4030-NIST</b>	Digital Stroboscope, 110V & NIST
<b>K4030-230V-NIST</b>	Digital Stroboscope, 230V & NIST