

### TECHNICAL DATA



BACK PANEL

### Features

- Simply aim the instrument at the rotational object and synchronize the strobe's flash rate (FPM) with object speed (RPM)
- Basic accuracy of  $\pm 0.05\%$
- 4-digit LED display
- 5 to 30 minute duty cycle (RPM dependent)
- Tripod mount for stationary use
- 6 foot power cord
- Includes light bulb and power cord

Model	Description
K4020	Digital Stroboscope, 110V
K4020-230V	Digital Stroboscope, 230V
K4020-BULB	Replacement Bulb
R1500	Lightweight Tripod
R8888	Hard Carrying Case
K4020-NIST	Digital Stroboscope, 110V & NIST
K4020-230V-NIST	Digital Stroboscope, 230V & NIST

### Specifications

Flash Range: 100 to 10,000 RPM  
 Resolution: 1 RPM  
 Basic Accuracy:  $\pm(0.05\% + 1 \text{ dgt.})$

### Flash Tube Specifications

Type: Xenon lamp  
 Flash Duration: Approx. 60 to 1000  $\mu\text{s}$   
 Flash Color: Xenon white 6,500°K  
 Flash Energy: 4 Watt-seconds (joules)  
 Beam Angle: 80 degrees

### General Specifications

Response Time: <1 sec  
 Sampling Time: 1x/sec  
 Display Size/Type: 4 Digit LED Display  
 Tripod Mount: Yes  
 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)