Cordin Model 606 (New)

- High intensity xenon flash output
- Square pulse illumination
- Single fixed pulse duration
- Variable intensity
- LED modeling light

The Cordin Model 606 is a high intensity xenon light source that is designed to give even intensity output during the full pulse duration. This is useful for high speed imaging as constant exposure can be maintained throughout the record. Conventional xenon strobe units will follow a modified R-C intensity curve with a relatively gradual rise and decay. The 606 is designed to maintain a constant intensity across the pulse duration.

The Model 606 is configured with a single flash head. A variety of reflectors are available, with an 11.5 inch diameter parabolic reflector being standard.

The intensity of the flash output is also variable by selecting the charge voltage. This means illumination can be attenuated without changing the lighting set-up.

OPTIONS
- Elliptical or small diameter reflectors
- Tripod for flash head
SQUARE PULSE LIGHT SOURCE

Model 606

SPECIFICATIONS

Flash Tube: Toroidal xenon
Color Temperature: 5300° K
Light Pulse Width: 600 µs (fixed)
Flash Rise Time: 250 µs
Intensity: 1.0 x 10^7 candela
Trigger Input: +5V
Response Time: less than 30 µs

Voltage Range: 800 - 1800 V (variable)
Stored Energy: 3400 joules at 1800 V charge
Power Input: 110-240 VAC 50-60Hz, 250 Watts
Cable Length: 3 meter (std) / 10 meter (optional)
Base Unit Size: 72 x 58 x 58 cm (28 x 23 x 23 inches)
Base Unit Weight: 89 Kg (195 lbs.)
Flash Head Size: 34 x 34 x 43 cm (13.8 x 13.8 x 17.0 inches)
Flash Head Weight: 5.7 Kg (12.5 lbs.)

PRELIMINARY SPECIFICATION: SUBJECT TO CHANGE

Model 606 Main Control Panel
(also can be controlled remotely via software application)