



THE LAB EQUIPMENT

Email : [sales@thelabequipment.com](mailto:sales@thelabequipment.com)

Phone: +91-8759245890

**Product Name :**

Xenon Stroboscope

**Product Code :**

SLE/PHY/322



**Website:** <https://thelabequipment.com>, **Email:** [sales@thelabequipment.com](mailto:sales@thelabequipment.com)

plot. no.296. Sector 5. Vaishali. Ghaziabad. Uttar Pradesh 201010



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## Description :

The stroboscope is also known as a revolution calibration meter as well as a stroboscopic lamp. It emits an instantaneous intense Xenon flash which can be synchronized with the speed of a target object.

This procedure permits calculation of the speed of an object that has an unknown movement speed or rotational velocity.

It features a rotating encoder to facilitate rapid frequency modulation.

It incorporates a high performance microcontroller as the processing unit and it includes a specific display chip which drives the 7-segment LED to present real-time flashing frequency data.

In practice, the target object will appear to be moving slowly or stationary, however, in reality it is easily photographed using standard digital cameras.

Used in a wide variety of scientific and industrial applications.

Operation is simple and convenient with complete instructions supplied.

### Technical Specifications :

**Power supply:** AC220V $\pm$  5%, 1.2A Power supply: AC220V $\pm$  5%, 1.2A

**Power Consumption:** Maximum power consumption less than 8W

**Triggering Frequency Scope:** 0.2~300 Hz (internal & external)

**Recommended Triggering Frequency:** 0.2~180 Hz

**Flash tube intensity:** approximately 10000 lux

**External Triggering signal Scope:** 5~12V pulse signal

**Outside dimension (L x W x Ht):** 215mm x 140mm x 150mm

**Net Weight:** 2 Kg

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