

VERSATILE STROBOSCOPE

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ABSTRACT

What is a stroboscope? How do we use it? Briefly, a stroboscope is a device for viewing a revolving or oscillating object appearing to be at rest or 'frozen'. The versatile stroboscope is useful in many fields. It can be used to study vibration, wear and distortion of moving parts in a machine while it is running. The versatile stroboscope which applies 'fast flashing lamp' is used to 'freeze' the movements of objects such as propagating water waves, revolving fan and others.

After reading this whole project report, one should be able to know clearly the operation of this versatile stroboscope, the function of each component in the circuit its advantages and application in a lot of fields. It will be a pleasant experience in browsing through the remainder of this project report.