

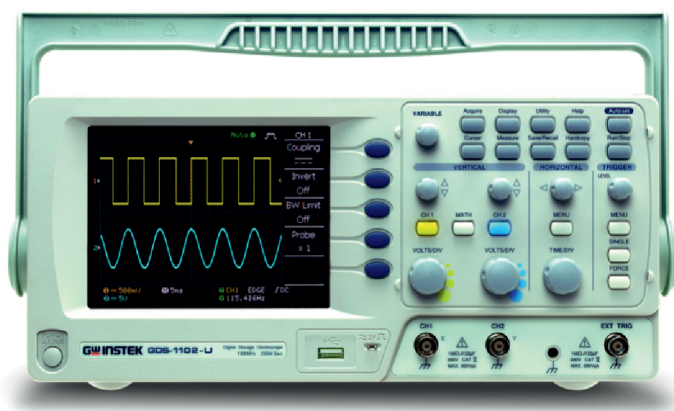
# ASTABLE MULTI-VIBRATOR USING IC 555

Model: MV-555/502

## Experiment(s):

1. Construction of astable multivibrator of required frequency

(For more details, procedure & manual visit: [www.kamaljeeth.net](http://www.kamaljeeth.net))



## Experiment setup consists:

- Astable multi-vibrator kit
- BNC connector
- Digital Storage Oscilloscope

## Specifications:

**a) Astable multi-vibrator kit**  
Power supply: Built in 5V DC  
IC: Replaceable type externally mountable, IC 555  
Components: Set of external resistors and capacitors  
Output: Achievable frequency from 1 Hz to 5 KHz by varying R and C

**b) BNC connector**  
Type: BNC to BNC connector  
Length: 1.2 m  
Rated Input: 220 V/50 Hz  
or 110 V/60 Hz

**c) Digital Storage Oscilloscope (DSO)**  
Make: GW Instek  
Model: 1102-U  
Bandwidth: 100 MHz  
Channels: 2  
Sampling rate: 250 million samples/sec  
Display: 5.7" TFT Colour  
USB PC interface: Yes  
Warranty: 5 years  
Rated Input: 220 V/50 Hz  
or 110 V/60 Hz

(c)

**KAMALJEETH INSTRUMENTS**

Address: No. 610, 5th main, 8th cross Tatanagar, Bangalore - 560092, INDIA

Website: [www.kamaljeeth.net](http://www.kamaljeeth.net), Email: [labexperiments@kamaljeeth.net](mailto:labexperiments@kamaljeeth.net)

ESTD. 1990

3 years manufacturing  
warranty