

# VARIABLE FREQUENCY GENERATOR



**AMBER VFG-60**



**AMBER VFG-110**

## Features

- Compact, Robust & Portable Instruments
- Direct digital reading of Frequency
- Direct digital reading of Voltage
- Variable Frequency from 40Hz to 60Hz
- Variable Voltage from 10V to 240V AC
- Resolution of 1V & 0.01Hz
- Power output rating 30VA
- Ideal for frequency & Voltage Relays

## Applications

Quick & reliable test on :

- Over / Under Voltage Relays
- Over / Under Frequency Relays

## Description

AMBER's Variable Frequency Generators are Compact, Robust and Truly portable test instruments. They can be used on field as well as lab purposes. The frequency can be read-off directly from the digital frequency meter with a resolution of 0.01Hz. The frequency can be comfortably varied from 40Hz to 60 Hz.

The Model VFG-60 has been incorporated with a four range switching system that allows the user to vary the voltage from 10V AC to 240V AC. The Voltage can be read off directly from the digital voltmeter with 1V resolution rated at 30VA.

The Model VFG-110 has two constant output voltage sources of 110V & 63.5V AC rated at 30VA.

Fast blow fuses have been used as a part of protection circuits.

## Specification

	VFG-60	VFG-110
<b>Output Voltage</b>	10V to 240VAC (in 4 Ranges)	110V & 63.5V AC
<b>Output Frequency</b>	40Hz to 60Hz	40Hz to 60Hz
<b>Output Power</b>	30VA	30VA
<b>Output Protection</b>	Fuse Protection	Fuse Protection
<b>Voltage Control</b>	ON/OFF Switch with 10 turn pot for smooth control.	ON/OFF Switch & Locking pot for $\pm 10V$ .
<b>Voltage Indicator</b>	3 digit voltmeter	xxxxxx
<b>Frequency Control</b>	10 turn pot for smooth setting	10 turn pot for smooth setting
<b>Frequency Indicator</b>	4 digit frequency meter	4 digit frequency meter
<b>Power</b>	230V AC $\pm 10\%$ , 50Hz	230V AC $\pm 10\%$ , 50Hz
<b>Dimensions</b>	14" x 12" x 6" (L x W x H)	14" x 12" x 6" (L x W x H)
<b>Weight</b>	12 Kgs (approx)	9 Kgs (approx)

Specifications may change without notice due to continuous development.