



## FUNCTION GENERATOR

“**CROWN**” **FUNCTION GENERATOR** is capable of providing SINE , SQUARE , TRIANGLE Wave form . It has linear frequency scale very low Distortion & constant signal amplitude with the output signal symmetry about Zero . The DC coupled output provides square wave without any appreciable Sag at low frequency . It has a maximum 20V P/P amplitude . The output is protected against short circuit . It has a offset control provided to shift the base line of signal by  $\pm 10V$  . The continuously variable DC offset control further enhance the versatility of the instrument . The equipment is used in Audio Electronics & other Laboratory & Research work .



### SPECIFICATION :

<b>FREQUENCY RANGE</b>	:	0.1 Hz to 1 MHz in six decade range
<b>DEAL ACCURACY</b>	:	$\pm 5\%$ of range
<b>AMPLITUDE</b>	:	0 - 20V P/P for all function
<b>WAVE FORMS</b>	:	SINE , SQUARE & TRIANGLE , TTL SQUARE WAVE (SEPARATE O/P)
<b>SINE WAVE DISTORTION</b>	:	Less than 1% from 100 Hz to 100KHz
<b>SQUARE WAVE DUTY CYCLE</b>	:	49% To 51%
<b>SQUARE WAVE RISE TIME</b>	:	Less than 100 nano Sec. At maximum amplitude
<b>OUTPUT IMPEDANCE</b>	:	600 Ohm $\pm 5\%$
<b>POWER REQUIRED</b>	:	230VAC $\pm 10\%$

## CROWN ELECTRONIC SYSTEMS

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