

100 KHz FUNCTION GENERATOR



MODEL EI 030



Sci-tech 100KHz Function Generator Model EI 030 uses programmed micro-controller integrated circuit and is based on a voltage control for precise wave-form generation providing sine, triangular and square wave output at frequency range of 0.07Hz-100KHz in 7 decade ranges.

Technical Specifications

- (1) Frequency range: 0.07Hz-100KHz in 7 ranges.
 - 0.07Hz-0.1Hz
 - 0.1Hz-10Hz
 - 10Hz-100Hz
 - 100Hz-1KHz
 - 1KHz-10KHz
 - 10KHz-100KHz
- (2) Distortion: $\leq 0.6\%$ Typical & $\leq 1.5\% \pm 1D$.
- (3) Output voltage of sine wave: Output amplitude: $\geq 2V$ PP with 300Ω load, stepless adjustable.
- (4) Output of square wave: $\geq 10V$ pp stepless adjustable with $1K\Omega$ load.
- (5) Square Wave Rise/Fall: $0.3\mu S$ Typical
- (6) Output of triangular wave: $\geq 2V$ pp with $1K\Omega$ load stepless adjustable.
- (7) Triangular Wave Linearity: 1% Typical

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- (8) Working environment: Temperature 0°-40° C, Relative Humidity: ≤90%(at 40°)
- (9) Power supply: 220V±10% at 50Hz
- (10) Dimensions : 180X200X80 in mm
- (11) Weight: @ 2 Kgs

Specifications, model Photos and design subject to changes without any notice