

ULTRA LOW DISTORTION OSCILLATOR



Features

- Pushbutton tuned 10 Hz to 110 kHz.
- Less than .001% distortion.
- Two Operational Modes:
 - Low Distortion — Settles .001% distortion in 5 seconds.
 - Fast Response — For frequency response testing.
- Output variable with log pot from less than 1 mV to 3V.



SOUND TECHNOLOGY

1400 DELL AVENUE
CAMPBELL, CALIFORNIA 95008
(408) 378-6540

A.E.S.S.E. S.R.L.

APPLICAZIONI E STRUMENTAZIONI SCIENTIFICHE ELETTRONICHE
20139 Milano - Corso Lodi, 47 - Tel. 5464741-2-3
00142 Roma - Via Laurentina 3/s - v. - Tel. 5405614

Specifications

Frequency Range: 10 Hz to 110 kHz in 4 overlapping ranges with 3 digit resolution.

Frequency Vernier Range: ± 3 LSD's

Frequency Accuracy: $\pm 2\%$ of setting

Output Voltage: Variable 1 mV to 3V with single turn logarithmic pot

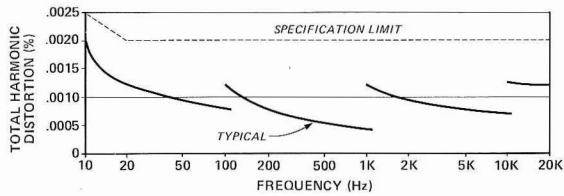
Output Impedance: Variable up to 625Ω

Frequency Response: Flat within 0.2 dB

Sync Output Amplitude: .3Vrms

Sync Output Impedance: $1\text{ k}\Omega$

Distortion in Low Distortion Mode:



Above 20 kHz, distortion is $< .007\%$ to 30 kHz, $< .02\%$ to 50 kHz, $< .05\%$ to 80 kHz, $< .1\%$ to 100 kHz.

Distortion in Fast Response Mode: $< .05\%$ 100 Hz - 50 kHz,
 $< .2\%$ 20 Hz - 110 kHz

Hum and Noise: 100 dB below rated output

Floating Output: A switch is provided to isolate signal ground from chassis ground.

GENERAL

Dimensions: 6 inches high x 9-1/2 inches wide x 9-3/4 inches deep

Power: 115V $\pm 10\%$, 50 to 60 Hz, 7 W
220V optional at no charge

Weight: 9-1/2 lbs.

Shipping Weight: 14 lbs.

All prices f.o.b. Campbell, California - data subject to change without notice.