

SCANNED BY K6AET

# LAMPKIN 303

## TWO-TONE GENERATOR

### SPECIFICATIONS

#### 1. FREQUENCY, 3 decades

10 Hz — 99.99 Hz (.01 Hz resolution)  
100 Hz — 999.9 Hz (.1 Hz resolution)  
1000 Hz — 9999 Hz (1 Hz resolution)

#### 2. ACCURACY,

+or— 10ppm at 25 degrees centigrade  
+or— 50 ppm over the range 0 to 50  
degrees centigrade

#### 3. OUTPUT,

- A. Sine wave with less than 3% THD  
(Typically 1.5%)
- B. Level adjustable between approximately  
.002 VRMS and 2.5 VRMS across 600 ohms

#### 4. MODES AVAILABLE:

- Single tone continuous (A cont.) or (B cont.)
- Single tone burst (Cycle A only).
- Two tone burst sequential (Cycle A & B).
- Two tone burst sequential with delay  
between A & B (A delay off).
- Two tone burst sequential with delay  
between B & A (B delay off).
- Two tone burst sequential with delay  
between both tones.
- Two tone burst sequential with both delays off.
- One cycle operation activated by clear button.

Two frequencies can be set precisely with  
thumbwheel switches.

Overall accuracy is determined by a crystal controlled  
oscillator which is set to its operating frequency with  
a trimming control.

Delay between tones, adjustable between .1 second  
and 5 seconds. One or both delays can be switched  
to zero.

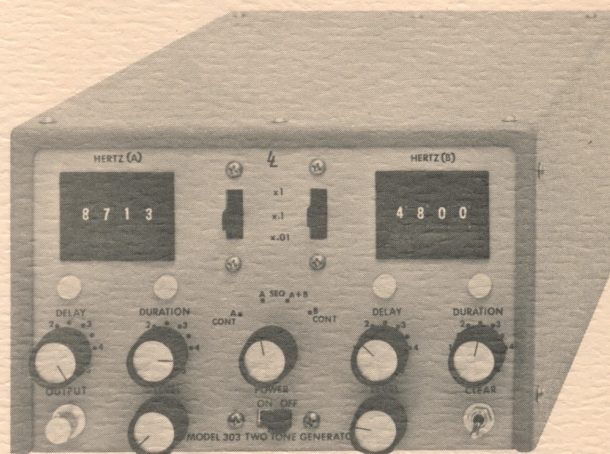
Duration of tones, adjustable between .1 second  
and 5 seconds.

TIMING CONTROL ACCURACY, within 20%  
of setting

Power requirements, 115 VAC 50-60 Hz

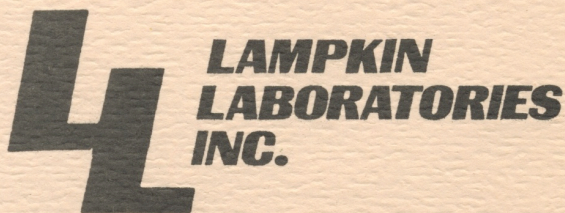
SIZE, 4-7/8 high, 7-3/4" wide, 11-1/4" deep

WEIGHT, Approximately 5 pounds



## TWO-TONE GENERATOR

The Lampkin 303 two tone sequential generator  
is capable of producing low distortion tones from  
10 Hz to 9999 Hz to an accuracy of .001% and a  
resolution of .01 Hz. Tone delays are adjustable  
from .1 second to 5 seconds, with a zero delay on  
a rear panel switch. Tone duration is variable from  
.1 second to 5 seconds. Solid CMOS integrated  
circuits assure high reliability and low power  
consumption.



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