

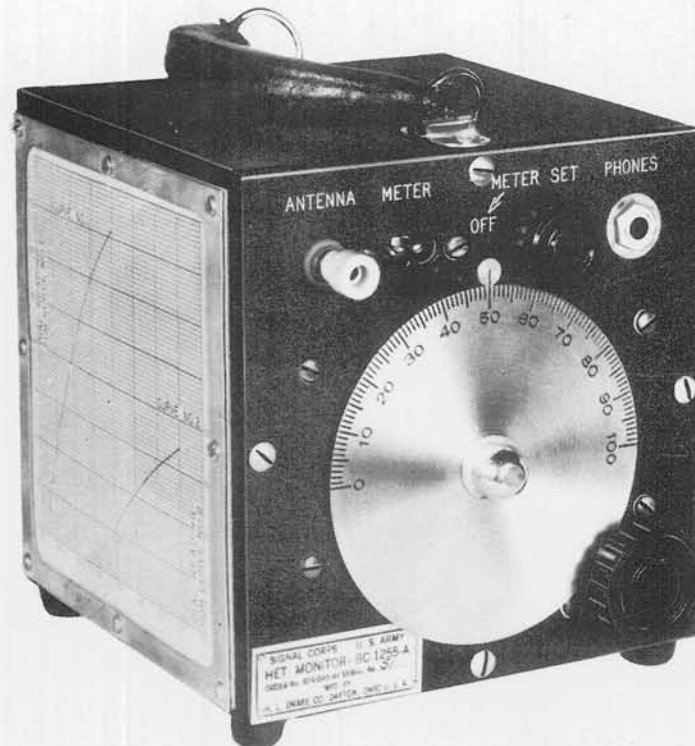
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Monitor BC-1255 is a portable, battery operated, heterodyne frequency meter designed to check and adjust the frequencies of transmitters such as Transmitting Equipment AN/APT-3 and Radar Set AN/APT-1. The monitor is designed to cover the frequency range 75 to 150 mc. on fundamental frequencies and the range 150 to 300 mc. on the second harmonic. The frequency of its oscillator is adjustable over the frequency range to zero beat with the signal of the transmitter being checked. Audible indication is provided for the determination of zero beat, or visible indication may be obtained by connecting Test Set I-139 to the meter connection of the set.

Power is supplied by Batteries BA-15A and BA-56-A. Army Supply Program requirements as of 30 April 1944 were 800 equipments for the calendar year 1944.

FREQUENCY RANGE	75 TO 150 MC.(Fundamental)
SENSITIVITY	20 MILLIVOLTS AT 75 MC. 5 MILLIVOLTS AT 150 MC.
POWER SOURCE	1 BATTERY BA-15A 2 BATTERIES BA-56
ACCURACY	$\pm 1\%$

TUBE COMPLEMENT			
NO.	TYPE	NO.	TYPE
1	958A	2	1S5



Heterodyne Monitor BC-1255-A

MONITOR BC-1255

TOTAL WEIGHT 6 LBS.

Component

Nomenclature

Size

Weight

Monitor

BC-1255

6'' x 6'' x 6''

6 Lbs.