

## DECIBEL METER, PORTABLE NO. 3 MK. 2

## SUMMARY OF DATA

## PURPOSE

Measurement of audio frequency power.

## DESCRIPTION

A portable, waterproof, self contained instrument which incorporates resistance networks providing four switched ranges of power ratio measurement about a reference of 1 mW into 600 ohms. A second switch allows for the instrument to be used on circuits of characteristic impedance 75 ohms and 150 ohms.

## PERFORMANCE

- Ranges
1. -15 to 0 dB
  2. -5 to +10 dB
  3. +5 to +20 dB
  4. +15 to +30 dB

Accuracy, over frequency range 200 c/s to 120 kc/s.

Scale reading 0 to -5 dB  $\pm \frac{1}{2}$  dB

Scale reading -5 to -15 dB  $\pm 2$  dB

## Input Impedance

Balanced or unbalanced 75, 150 and 600 ohms selected by a switch.

## POWER REQUIREMENTS

None.

## PHYSICAL DATA

Length  $7\frac{1}{2}$  in. Breadth  $4\frac{1}{2}$  in. Depth 2 in. Weight 3 lb

## OTHER SERVICE OR COMMERCIAL EQUIVALENTS

Army Designation ZD02970 Decibel Meter Portable No. 3 Mk. 2

## REMARKS

A cut-out is incorporated to protect the instrument from electrical overload.

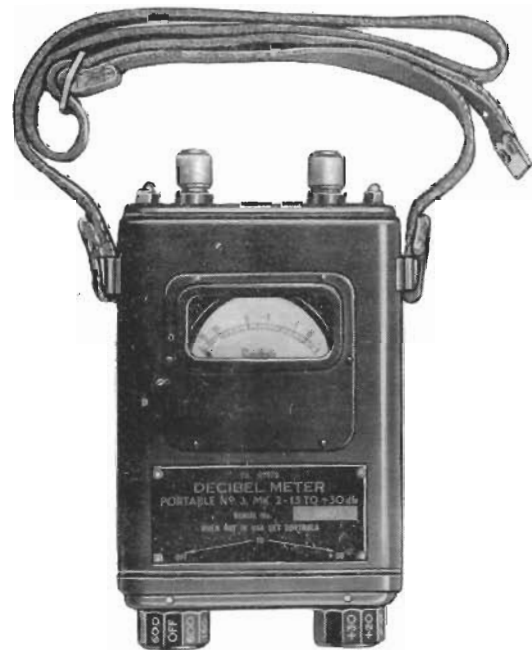
A webbing strap enables the instrument to be slung round the neck when in use.

## HANDBOOK

B.R.1771(19)

## ESTABLISHMENT LIST

E1115



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