

Boite de ~~Set~~
3 decades -



research 547
production 70
education

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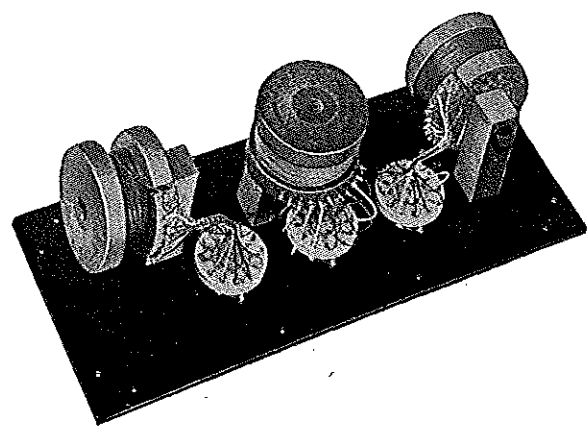
**AIR-CORED DECADE INDUCTOR
TYPE D13A**

**GOOD ACCURACY
HIGH STABILITY
LOW PRICED**

Voir
les courants maximum



A variable inductor for use as a secondary standard of inductance. The coils are air-cored wound on wooden formers and carefully impregnated and aged for maximum stability.



SPECIFICATION

RANGE

10×1 mH - 10×10 mH and 10×100 mH.

ACCURACY

10×1 mH: 2%, 10×10 mH: 1%, 10×100 mH: 1%.

Q-VALUE

At 1 kc Q-values of 10 to 15 are obtained except for 1×1 mH, Q = 6 and 2×1 mH, Q = 9. Maximum Q-values of 40 to 50 are obtained at frequencies from 5 to 10 kc.

RESONANT FREQUENCY

The resonant frequencies are 20 kc to 30 kc for the 10×100mH decade, 50 kc to 80 kc for 10×10 mH and 150kc to 200 kc for 10×1 mH.

MAX. DISSIPATION

The safe dissipation is about 2 watts for each coil corresponding to maximum currents of 70 mA for the 10×100 mH decade, 200 mA for 10×10 mH and 400 mA for 10×1 mH.