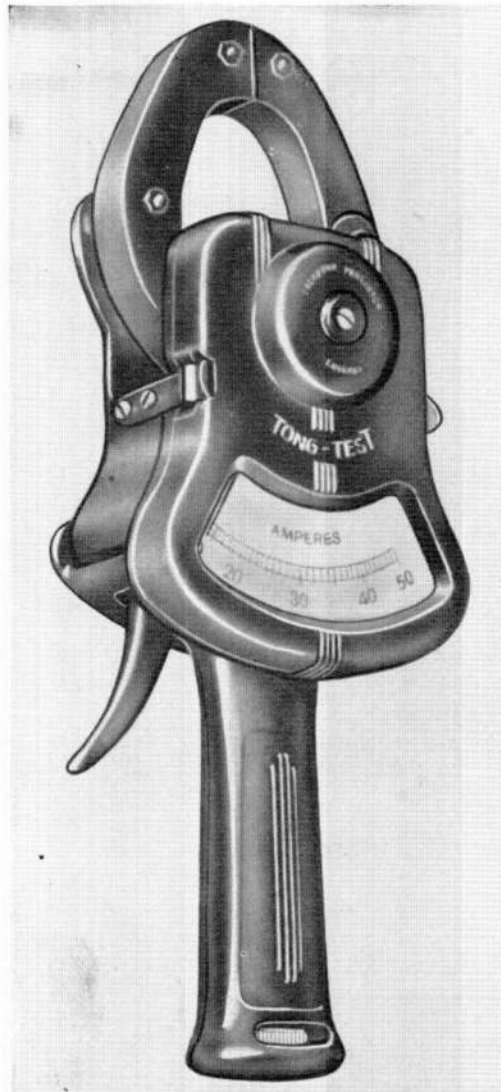


## TONG-TEST AMMETER



*Air Ministry Ref. No.* ... .. 5Q/38  
*Admiralty Pattern No.* ... ..  
*Dimensions* ... ..  $11\frac{1}{8}$  in.  $\times$   $4\frac{1}{4}$  in.  $\times$   $2\frac{3}{4}$  in.  
*Weight* ... .. 2 lb  
*Associated publication* A.P.4343S, Vol. 1, Sect. 1, Chap. 15

### BRIEF DESCRIPTION

The tong-test ammeter is used to measure the current flowing in a conductor without making any connections to the instrument. It can be used on single conductors carrying a.c. or d.c. The instrument consists of an aluminium frame carrying a fixed and a hinged set of laminated iron stampings which form the magnetic circuit and have two gaps, in one of which a moving-iron movement is fitted. The other gap is of low reluctance and can be opened for the entry of a cable, by a trigger which is connected to the hinged side of the laminations. Three ranges are available by fitting interchangeable movements and the tongs will open to encircle conductors up to  $1\frac{1}{8}$  inches diameter. The ranges are 0 - 50, 0 - 100 and 0 - 200 amperes.

**RESTRICTED**

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