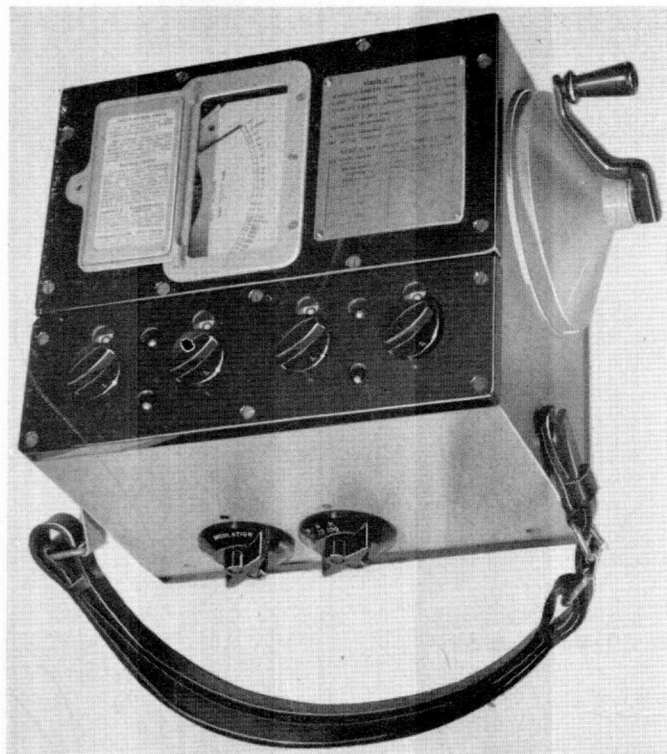


## BRIDGE MEGGER TESTERS, TYPES B and D



<i>Air Ministry Ref. No.</i>	...	...	<i>Type B - 5G/1708</i>
			<i>Type D - 5G/483</i>
<i>Admiralty Pattern No.</i>			
<i>Dimensions</i>	...	...	12 in. × 8 $\frac{3}{4}$ in. × 7 in.
<i>Weight</i>	...	...	12 $\frac{3}{4}$ lb
<i>Associated publication A.P.4343S, Vol. 1, Sect. 24, Chap. 17</i>			

### BRIEF DESCRIPTION

The Bridge Megger testers, Types B and D are self-contained instruments combining the functions of a Wheatstone bridge and an insulation resistance tester. They can also be used for the location of faults in cables by the Varley loop method. The ohmmeter scale, for insulation resistance tests, is calibrated in thousands of ohms and megohms from zero to infinity. The two testers are similar in appearance but differ in that the insulation testing pressure of the Type B is 500 volts whilst that of the Type D is 1,000 volts. The ohmmeter scale plate markings also differ; the first marking after zero on the Type B tester is 10,000 ohms whilst that of the Type D is 50,000 ohms. The markings immediately before infinity are 100 megohms on the Type B and 200 megohms on the Type D.

The Wheatstone bridge ranges are identical extending from 0.01 ohms to 999,900 ohms and having an accuracy which varies from 0.35 per cent at 999,900 ohms to 10 per cent at 0.1 ohm.

The testing voltage is provided in each instrument by a two-pole, permanent magnet type generator which is hand-driven through gearing and a centrifugal clutch.

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