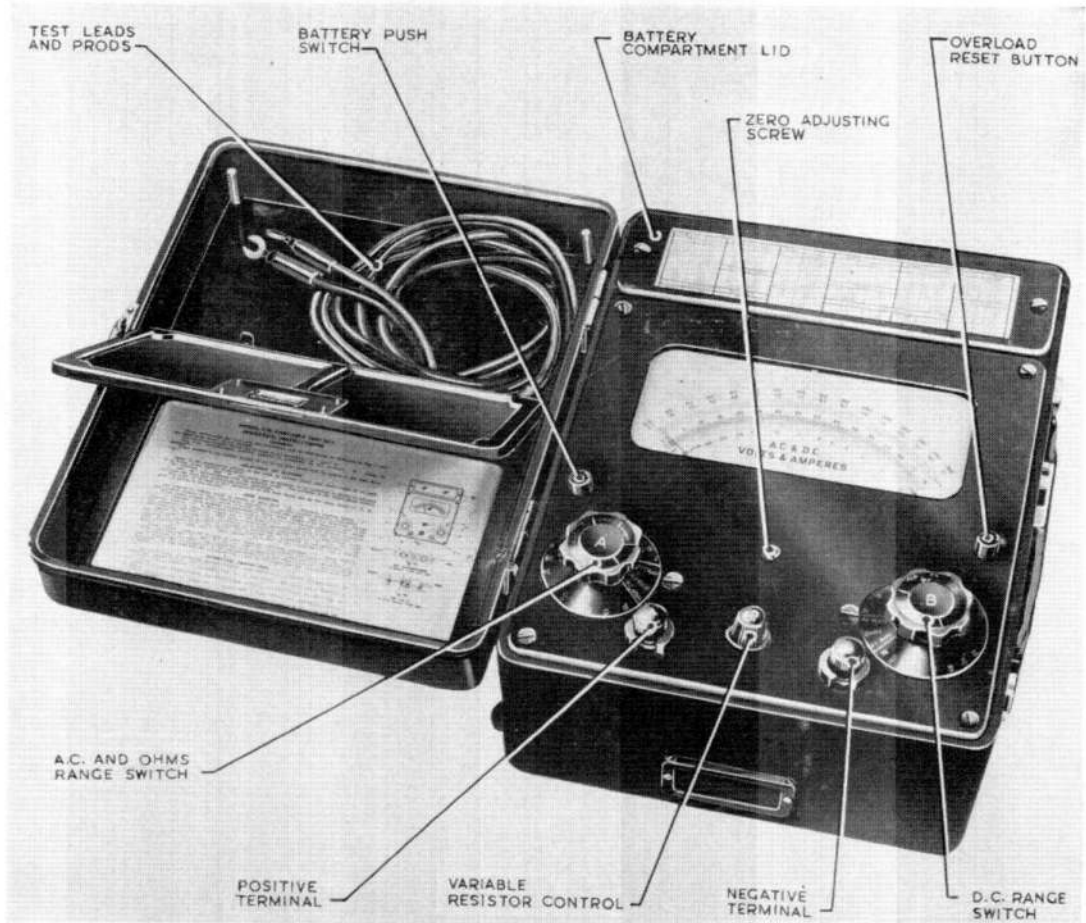


## MULTI-RANGE TEST SET



Ref. No.	...	...	...	...	...	5G/3189
Dimensions	...	...	...	11 $\frac{9}{16}$ in.	$\times$ 9 $\frac{7}{16}$ in.	$\times$ 6 $\frac{3}{8}$ in.
Weight	...	...	...	...	...	18 $\frac{1}{2}$ lb.
Associated publication	A.P.4343S, Vol. 1, Sect. 24, Chap. 19					

### BRIEF DESCRIPTION

The Multi-range test set, Sangamo Model S 75, is a portable testmeter for the measurement of a.c. and d.c. voltage and current and for resistance values up to 500 megohms. The accuracy of its indications meets the requirements of B.S.S. 89/54 for industrial portable instruments and it has a sensitivity of 20,000 ohms per volt on all d.c. ranges and 1,000 ohms per volt on its a.c. ranges. Full scale deflection is obtained with a current of 42 micro-amperes through the moving coil.

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Ranges

VOLTAGE			CURRENT						RESISTANCE	
A.C. (V.)	D.C. (mV.) (V.)		A.C. (mA.) (A.)		( $\mu$ A.)	D.C. (mA.) (A.)		(Ohms)	(Megohms)	
7.5	75	1.5	75	1.5	75	1.5	1.5	500	5	
15	150	3	150	3	150	3	3	50,000	50	
30	300	7.5	300	7.5	300	7.5	7.5	500,000	500	
75	750	15	750	15	750	15	15			
150		30		30						
300		75		75						
750		150		150						
1,500		300		300						
		750		750						
		1,500								

Note:— Each range is from zero.

RESTRICTED

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