

AVO Universal MEASURING



The instrument is a self-contained mains driven model incorporating 24 calibrated ranges for the measurement of resistance, capacitance and inductance over an extremely wide range and to a high degree of discrimination. The value of the unknown is directly indicated on a clearly marked scale together with a suitable multiplier, the total effective scale length being approximately 20 inches (127 cm.) for each type of measurement.

RESISTANCE RANGES:

6 calibrated ranges covering 0.1Ω-1,000MΩ
(Accuracy ± 1 per cent. at mid-scale).

CAPACITANCE:

6 calibrated ranges covering a nominal 1 pF-1,000 μF.
(Accuracy ± 1 per cent. at mid-scale).

INDUCTANCE:

6 calibrated ranges covering 1 mH-1,000H.
(Accuracy ± 2 per cent. at mid-scale).

RAPID DETERMINATION OF POINT OF BALANCE:

One sweep of the main calibrated dial covers four decades and assures a rapid search over the ranges provided. An automatic scale expansion device selects either of the two lower accuracy decades of the main scale, thus enabling measurements at these parts of the scale to be reproduced with a high degree of accuracy.

This instrument meets the requirements of the U.K. Air Registration Board.