

# Test Sets



## TEST SET

MODEL S 137 —PORTABLE TEST SET

*For checking thermocouple thermometers*

Basically a combined millivoltmeter and bridge ohmeter for checking thermometer indicators, thermocouples and compensating leads, in situ or in the workshop.

When testing indicators, or the output of thermocouples, circuit conditions may be simulated by switching in one of the self contained resistors (in 2 ohm steps up to 30 ohms). There are also 7 plug-in resistors with special values to suit all existing thermometers. These resistors can be added to (there is accommodation in the lid for 16) as and when new thermometers become available).

The accessories also include a test unit for checking the voltage compensator of the R.A.F. type B thermometer and a pair of leads with interchangeable spade terminals and crocodile clips.

Millivolt ranges: 20, 50, 100, 200mV Volt range: 0 - 2 V  
Resistance range: 0 - 32 ohms Milliampere range: 0 - 1mA  
Internal battery: Siemens No. 1524, 1.5V, or equivalent

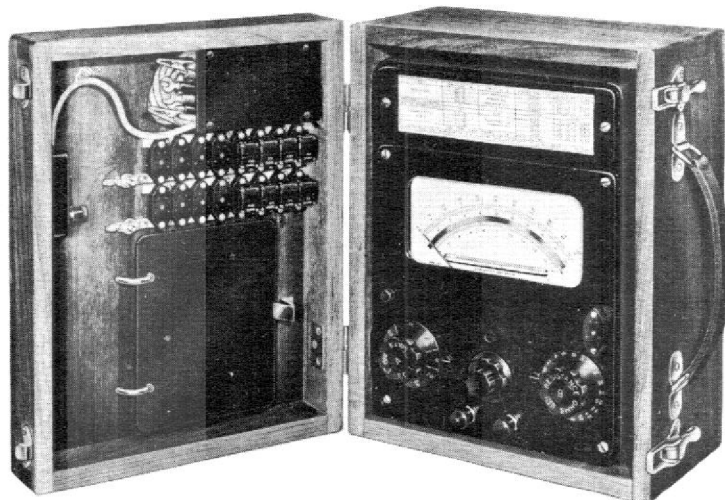
The Model S137 is a bakelite cased instrument, anti-shock mounted in a laminated wooden case (A.X.100) the lid of which houses the instruction manual and accessories.

The instrument scale is 6 in.(152 mm) long and has 100° deflection for the knife-edge pointer. A magnetic shield is provided for the instrument.

Accuracy is equivalent to 0.6% of F.S.D.

Overall dimensions = 13.625 in (346 mm) long x 10.875 in (276 mm) wide x 8.125 in (206 mm) deep.

Weight = 22lb (9.9 kg) approx.



*Model S 137*





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