



**SALFORD  
ELECTRICAL  
INSTRUMENTS**

**"SELECTEST" MULTI-RANGE  
TEST SET—20,000 ohms per volt—  
MODEL Super 50**

The Salford Selectest is the most advanced instrument of its type, and has been designed by engineers with long experience in this particular field. The resistors, rectifier, transformer, movement, switches and automatic cut-out are mounted on a robust printed circuit board, enclosed in a strong, attractive, grey Melamine moulded case, which is dustproof and has a unique carrying handle. Overall dimensions are  $9\frac{1}{2}$  in. x  $7\frac{1}{8}$  in. x  $4\frac{1}{2}$  in. (237 x 179 x 117.5 mm.) and the weight is 5 lb. 8 oz. (2.5 kg.).

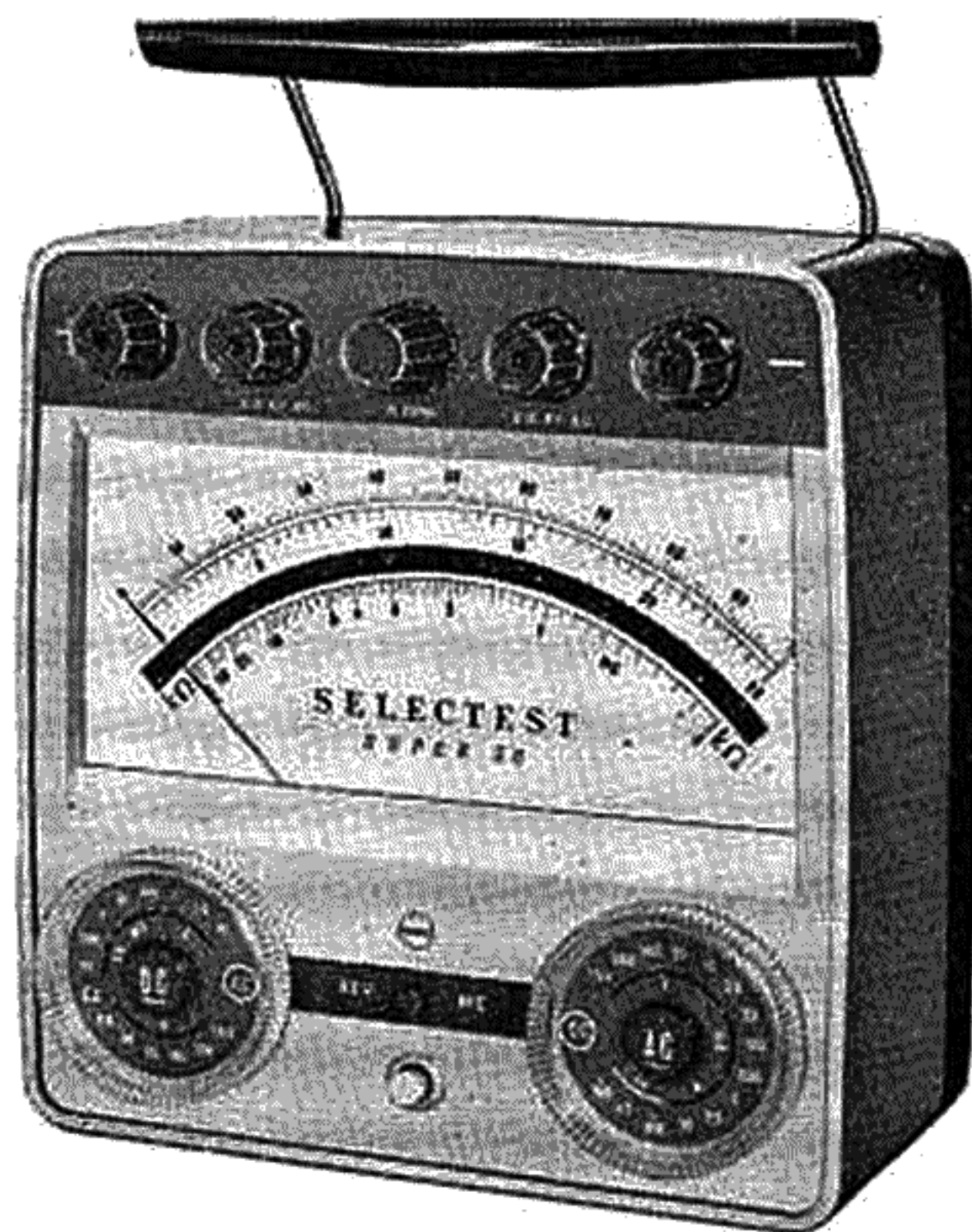
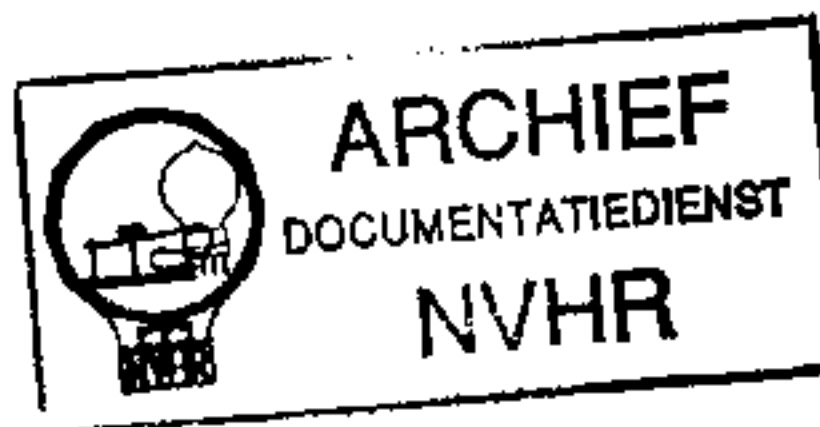
**MOVEMENT**

The movement has a critically damped moving coil system on highly polished, hardened steel pivots, mounted in spring loaded conical sapphire jewel bearings and operating in the gap of an Alcomax III permanent magnet. The magnets which are aged to ensure permanence and long term stability, have a high remanence and coercive force. An important feature is that accurate readings can be taken with the instrument in any position.

**SCALES**

Here the accent is on legibility. Three scales are provided, with a mirror inset and knife-

Ned. Ver. v. Historie v/d Radio



edge pointer to eliminate parallax errors. The Super 50 current and voltage scales are 0-100 with 100 divisions and 0-25 with 50 divisions. The scales, which are calibrated by direct comparison with certified standards are of the eyelash pattern, the outer scale being 6 in. long (152 mm.).

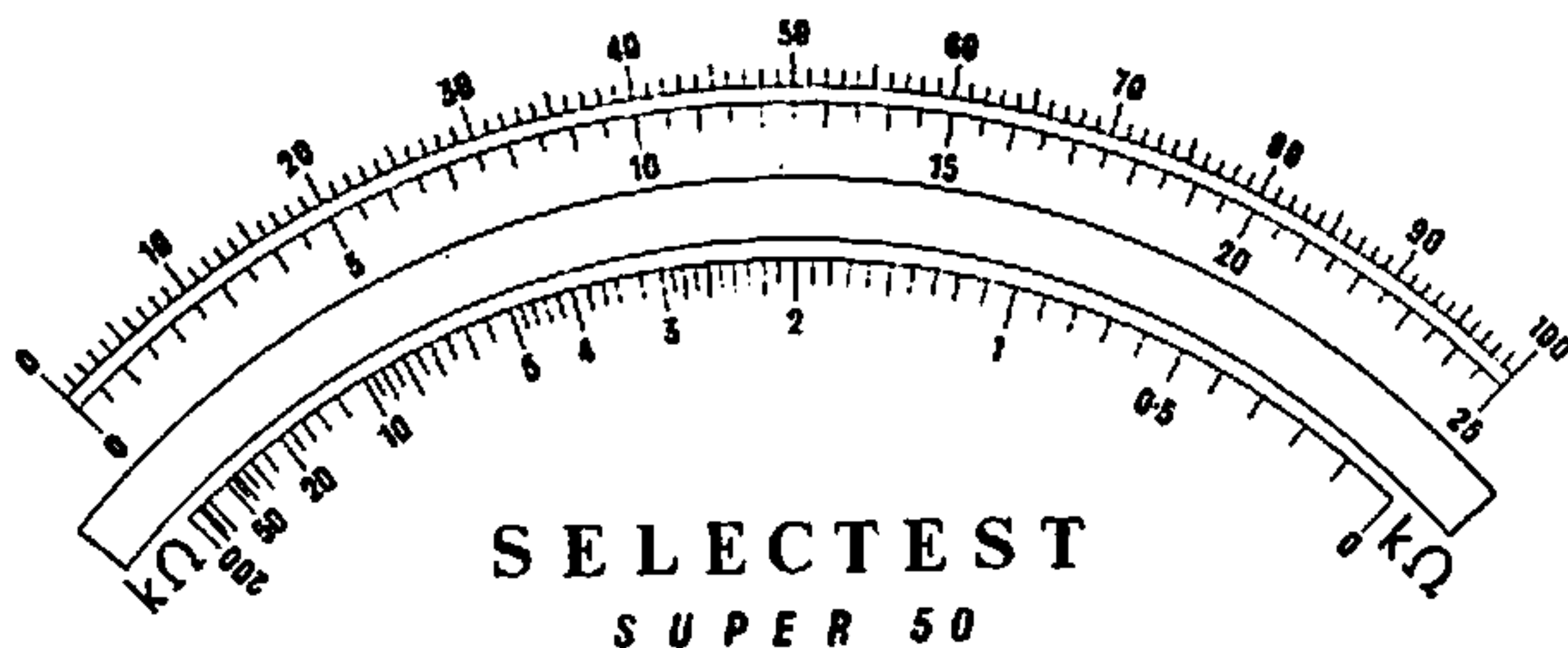
**SENSITIVITY**

- D.c.: 20,000  $\Omega$  per volt
- A.c.: 2,000  $\Omega$  per volt
- 167 $\Omega$  per volt on 2.5v a.c. range

Protection, movement reverse, facilities are standard. Batteries are included, together with manual and 36-in. test leads. Carrying case extra.

# G.E.C. SALFORD ELECTRICAL INSTRUMENTS

## "SELECTEST" MULTI-RANGE TEST SET MODEL SUPER 50 (continued)



### ACCURACY to BSS89/1954—Industrial grade

Dc.:  $\pm 1\%$

A.c.:  $\pm 2.5\%$

Ohms:  $\pm 3\%$  zero to midscale

$\pm 5\%$  midscale to  $\frac{2}{3}$  full scale

$\pm 10\%$   $\frac{2}{3}$  to full scale

D.C. Current ranges  $\pm 1\%$  (IEC class 1.0)

D.C. voltage ranges  $\pm 1.5\%$  (IEC class 1.5)

### RESISTANCE

0-2,000 ohms:

Midscale reading 20 ohms

0-200,000 ohms:

Midscale reading 2,000 ohms

0-20 Megohms:

Midscale reading 200,000 ohms

### RANGES

D.C. Volts	D.C. Amps	A.C. Volts	A.C. Amps
250mV	50 $\mu$ A	2.5V	25mA
250mV	50 $\mu$ A	2.5V	25mA
2.5V	250 $\mu$ A	10V	100mA
10V	1mA	25V	250mA
25V	10mA	100V	1A
100V	100mA	250V	2.5A
250V	1A	1,000V	10A
1,000V	2.5A	2,500V	—
2,500V	10A	—	—

Code	Description	Stock No.	Price each (£)
GEC-S50	Selectest inc. leads	0200F	34.15
GEC.CAS-2	Vinyl case inc. strap	0201D	4.90