

Cambridge

INSTRUMENT COMPANY LTD.
SYDNEY ROAD, MUSWELL HILL, LONDON, N.10

*Electrodynamics
A.C. Test Set.*

CERTIFICATE OF TEST

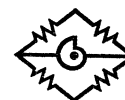
Instrument No. L. 401646

S.O. No 3911 NA

Cambridge Instrument Company Ltd

MUSWELL HILL WORKS

Sydney Road, London, N.10



REGD TRADE MARK

CERTIFICATE OF TEST

A.C. TEST SET

L. 401646

Calibration at 50 cycles per second

Range Volts	Instrument Reading	Nominal Volts	Correction %
50	50	50	0.0
	45	45	-0.1
	40	40	0.0
	35	35	0.0
	30	30	0.0
	25	25	0.0
	20	20	-0.1
	15	15	0.0
	10	10	+0.1
10	50	10	-0.2
25	50	25	-0.1
100	50	100	0.0
250	50	250	0.0
500	50	500	0.0

Continued Page 2.....

Date

24.8.65

Ref. S.O. 3911 NA

Customer

Customer's Order

for Cambridge Instrument Company Limited

HEAD OFFICE: 13 GROSVENOR PLACE, LONDON, S.W.1

CAMBRIDGE INSTRUMENT COMPANY, LIMITED
LONDON AND CAMBRIDGE

CONTINUATION

-2-

Certificate of Test for A.C. Test Set No. L.401646

Calibration at 50 cycles per second

Range Amperes	Instrument Reading	Nominal Amperes	Correction %
5	5	5	-0.1
	4	4	-0.2
	3	3	-0.1
	2	2	-0.2
	1	1	0.0
0.5	5	0.5	-0.1
1	5	1	-0.1
2.5	5	2.5	-0.1
10	5	10	-0.1
25	5	25	-0.1

Range	Instrument Reading	Nominal Watts	Correction %
50V 5A	250	250	-0.1
	200	200	0.0
	150	150	-0.1
	100	100	-0.1
	50	50	0.0
10V 5A	250	50	-0.2
25V 5A	250	125	-0.1
100V 5A	250	500	-0.1
250V 5A	250	1250	-0.1
500V 5A	250	2500	-0.1

Indication at Zero Power Factor (lagging) for Normal Volt
Amperes expressed as percentage of full scale -0.1%

Date 24.8.65

Continued Page 3.....

MR Ref. S.O. No. 3911 NA

CAMBRIDGE INSTRUMENT COMPANY, LIMITED
LONDON AND CAMBRIDGE

CONTINUATION

-3-

Certificate of Test for A.C. Test Set No. L.401646

Milliammeter check

Instrument Reading	Milliamperes
50	20.00
40	16.00
30	12.00
20	7.99
10	4.01

Correction is given as percentage of instrument reading, and when positive is to be added to, and when negative subtracted from the reading, in order to obtain the true indication.

Temperature Correction:

Voltmeter: +0.05% per 1°C rise 10V range
+0.02% per 1°C rise 25V range
-0.02% per 1°C rise other ranges

Ammeter: -0.02% per 1°C rise

Wattmeter: -0.05% per 1°C rise

Calibration Temperature: 23°C

Insulation tested at 2000V RMS for 1 min

Date 24.8.65

Ref. S.O. No. 3911 NA

MR