

## MECHANICAL PARTS

Description	Part Number
Voltage Change Plug ... ..	M143503
Side Panel Connector Plug ... ..	M143503
Tube Voltage Interchange Plug ... ..	M143503
Terminals (Internal) ... ..	ITA.212/Black
Small Control Knob (with Indicator Dot) ...	IUB.7505/13
Large Control Knob ... ..	ISB.7504/3
Switch Knob ... ..	ITB.7503/2
Transparent Cursor ... ..	ISB.7516
Switch Pointer (Transparent) ... ..	ISB.7517
Graticule ... ..	MC416050/2
Raising Member ... ..	MC416045
Leather Carrying Handle ... ..	M199809
Rubber Feet ... ..	M164537
Pilot Bulb Holder ... ..	M164500/2
Valve Retainer for 63SPT ... ..	M408045
Valve Retainer for 53KU ... ..	M203504/2
Valve Retainer for 12EI ... ..	M203504
Tube Retainer Spacing Pin ... ..	S93022
Tube Clamp Spring ... ..	M122541
Terminals (External) ... ..	ITA.212/Maroon

## NOTES

## ACCESSORIES

### OSCILLOGRAPH TROLLEY MODEL 1050 A

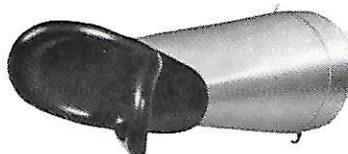
This trolley enables Cossor oscillographs to be wheeled easily from one part of the Laboratory or Works to another. The oscillograph stands on the steel platform of the carriage, the angle of support assuring a comfortable viewing slant whether the operator is seated or standing.

Constructed of welded-steel and fitted with rubber-tyred swivel castors, this equipment weighs 20 lb and is finished in semi-matt black stove enamel.



### OSCILLOGRAPH VISOR MODEL 1066

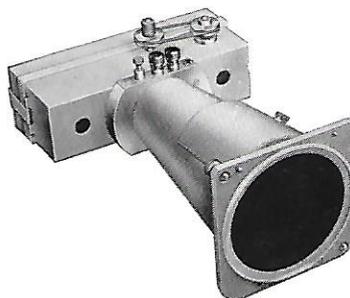
Designed for use with Cossor oscillographs fitted with three mounting studs, this Visor provides a simple means of examining tube displays and is particularly useful for studying fast transients.



### OSCILLOGRAPH CAMERA MODEL 1428 Mk II B

This Camera has been developed for use with Cossor Oscillographs, Models 1035, 1049 and 1059. It is ideal for taking single shots of a stationary waveform. Alternatively, it can be used for continuous recording of non-recurrent waveforms and slow transients by the moving-film method.

Camera Lid with End-of-film and Footage Indicator Type MC444030/2 is fitted and provides the operator with precise information of the length of recording material available. An indicating lamp lights automatically when the film or paper supply is exhausted.



### CAMERA DRIVE UNIT MODEL 1431

For use with Camera Model 1428 Mk II B, this unit comprises a powerful capacitor motor worm-coupled to a 9-speed gear-box giving film speeds of 0.05, 0.1, 0.25, 0.5, 1.0, 2.5, 5, 10 and 25 in./sec. Operation on single-phase a.c. 110 V to 250 V, 50 c/s, is through an auto-transformer which is housed with the motor capacitor.



### PLASTIC COVERS FOR OSCILLOGRAPHS

Plastic Cover Model 1438 fits Cossor Oscillographs Models 1035 Mk III and 1049 Mk IV. This strong P.V.C. cover protects against dust and abrasion when the instrument is not in use.

**Important:** Oscillographs must not be operated with the plastic covers in position as overheating of the instrument will result.

## SPARES AND SERVICE

To assure the prompt despatch of spare parts, it is essential that the order includes the model number and serial number of the instrument, the description of the part(s), the part number(s) and the quantity required.

Whilst every effort is made by the Cossor Service Department to maintain an adequate supply of spares, a delay in despatch must be tolerated, usually, on those parts not expected to require replacement.

*Where purchase of the instrument has been made through a Cossor Stockist or Agent, all service enquiries and orders must be routed direct to that supplier.*

Purchasers of instruments direct from Cossor Instruments Limited are asked to address their enquiries and orders to:

**Cossor Instruments Limited,  
Cossor House,  
Highbury Grove,  
London, N.5.**

adding ENGLAND to this address if the purchaser is writing from outside the United Kingdom.

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*The Instrument Company of the Cossor Group*

COSSOR HOUSE • HIGHBURY GROVE • LONDON, N.5 • ENGLAND

Telephone: CANonbury 1234 (33 lines)

Telegrams: Cossor, Norphone, London

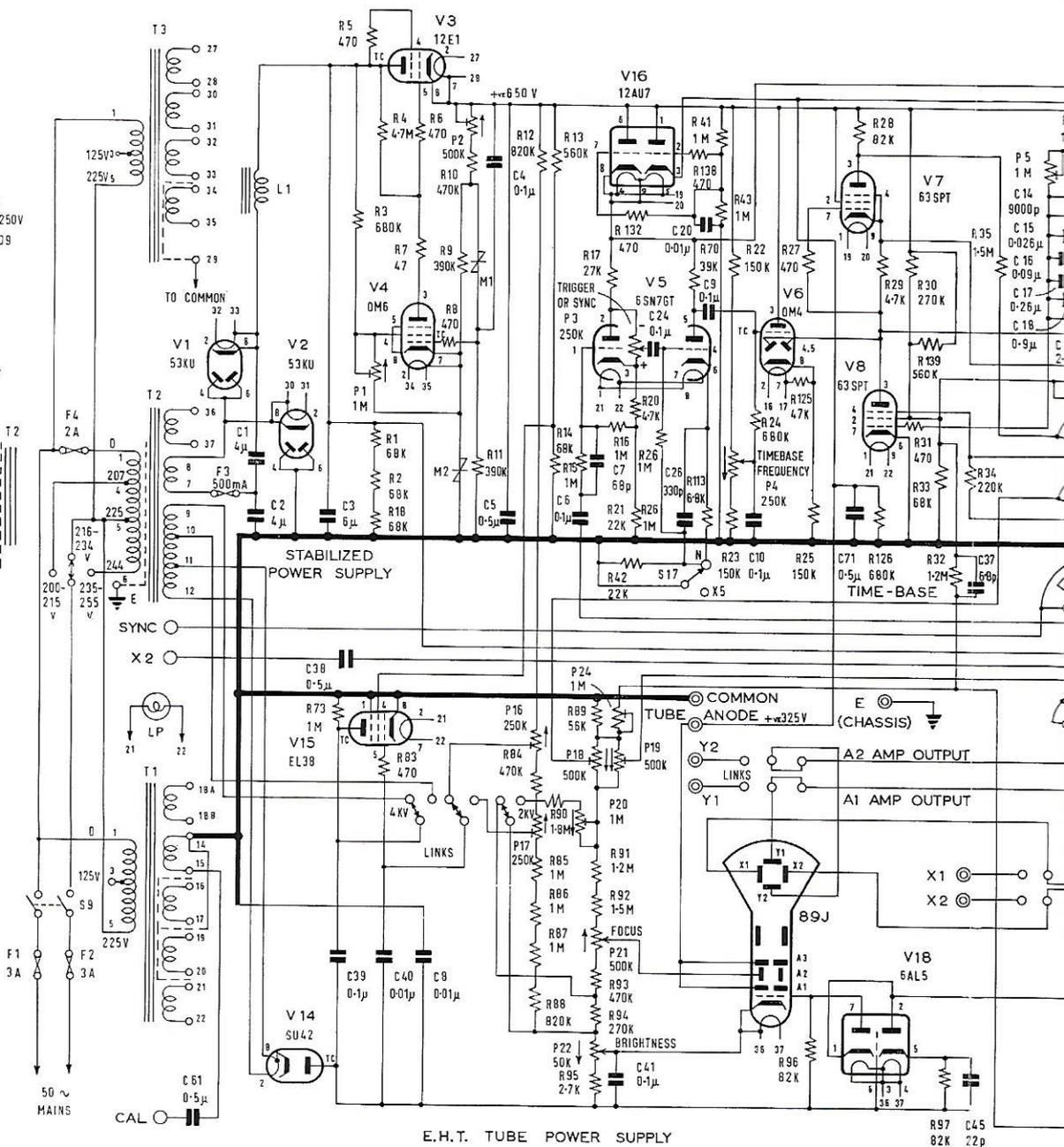
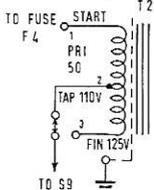
Cables: Cossor, London

Code: "Bentley's Second"

**ADDITIONAL CIRCUIT DIAGRAM (detachable)**

NOTE:  
THIS CIRCUIT SHOWS  
WIRING WHEN 200V/250V  
TRANSFORMER KA 30309  
IS USED

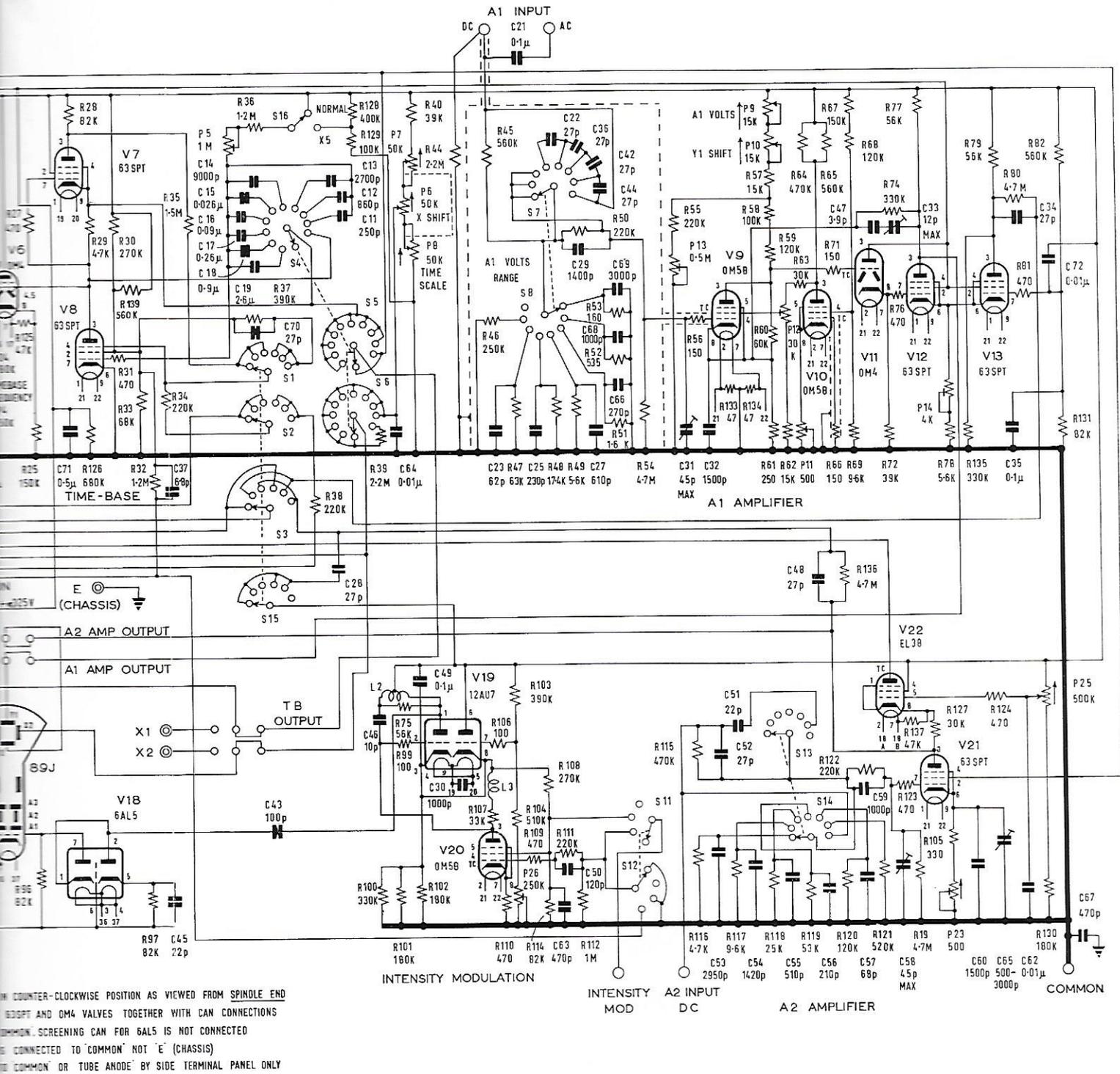
CONNECTIONS OF T2  
PRIMARY FOR INPUT  
SUPPLIES OF 110-125V  
ARE SHOWN BELOW  
(PT No. KA30310)



E.H.T. TUBE POWER SUPPLY

- |                         |                        |
|-------------------------|------------------------|
| S1 S2 S3 AND S15 GANGED | SYNC SELECTOR          |
| S4 S5 AND S6 GANGED     | TIME RANGE             |
| S7 AND S8 GANGED        | A1 VOLTS RANGE         |
| S9                      | MAINS ON/OFF           |
| S11 AND S12 GANGED      | INTENSITY MOD SELECTOR |
| S13 AND S14 GANGED      | A2 SENSITIVITY         |
| S16 AND S17 GANGED      | TIME SCALE X5          |

- NOTE: 1 ALL SWITCHES ARE SHOWN IN COUNTER-CLOCKWISE POSITION AS VIEWED FROM SPIND  
2 METALIZING PINS OF 6M6 63SPT AND 6M4 VALVES TOGETHER WITH CAN CONNECT ARE ALL CONNECTED TO 'COMMON'. SCREENING CAN FOR 6AL5 IS NOT CONNECTED  
3 A1 ATTENUATOR SCREEN IS CONNECTED TO 'COMMON' NOT 'E' (CHASSIS)  
4 CHASSIS MUST CONNECT TO 'COMMON' OR 'TUBE ANODE' BY SIDE TERMINAL PANEL



CILLOGRAPH Model 1049 Mk IV — CIRCUIT DIAGRAM

PRICE 10/- NET