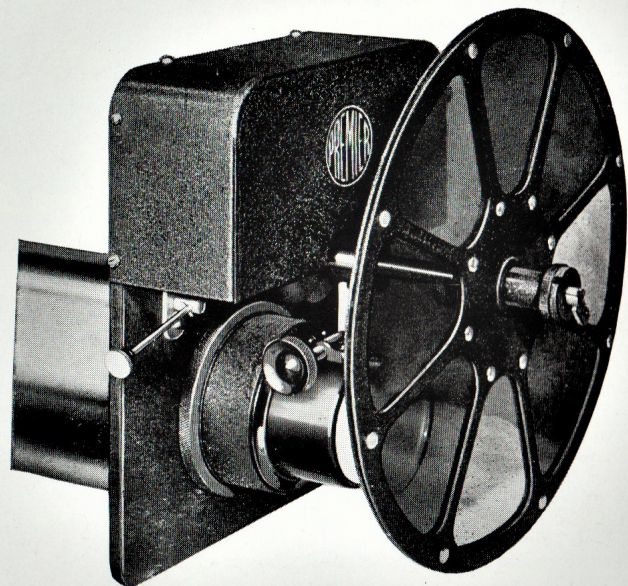




## Automatic Colour Wheel



This fascinating device is particularly suited for use with our Bi-Unial and Slide Projectors to enhance showmanship with changing coloured backgrounds and slide surrounds.

The colour wheel located at the front of the projector lens (as illustrated) rotates at a *slow or variable speed* by means of a precision clockwork mechanism (duration 1-2 hours) and used in conjunction with figured glass slides gives the most pleasing effects on the screen.

*As a background for Slide Projection or film titles, the effect is truly amazing.*

The wheel is fitted with combinations of coloured heat resisting gelatines and the complete unit *can be rotated on its own axis so that the changing colours move horizontally across or vertically, up or down, or diagonally across the screen.*

The catch on the wheel spindle allows the colour wheel to be rotated by hand.

The Device offers *infinite possibilities* to any Operator who wishes to enhance the value of his screen presentation. The price is moderate and includes a set of five figured glass background slides

£22 . 10 . 0

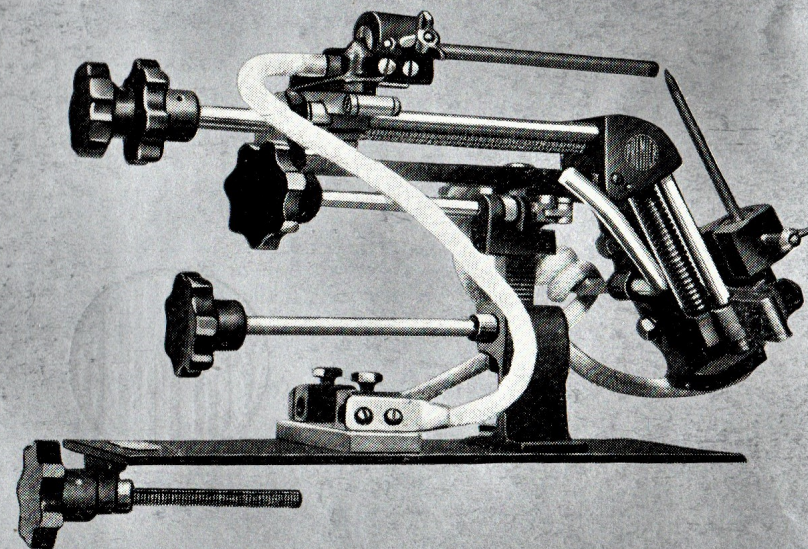
62



## SLIDE PROJECTORS

FEATURING OUR NEW

## ANGLE ARC





# SENIOR DE LUXE MODEL

WITH

## PEDESTAL STAND



## SPECIFICATION

*For exhibitors requiring a first class slide projector suitable for any length of throw.*

### ARC LAMP.

This is the Premier Model 5 suitable for Direct Current supply up to 75 amps. It has been designed as a smooth worm feed arc and incorporates quick release fingers in the carriage for speedy recarboning. A horizontal positive carbon offers a perfectly formed full crater to the condenser, resulting in far superior light concentration to any vertical arc, as the crater can be accurately focussed by a fine screw adjustment at the rear of the tray. A magnetic flame control permits maximum control of the flame. The carbon holders house circular split linings of a special heat resisting alloy accurately machined to make perfect contact around the carbon. These linings are of identical outside diameter with varying inside diameters to fit the carbon trim specified on ordering. The Model 5 Arc can be supplied with the linings to fit carbon sizes from 5 m/m to 20 m/m H.I. and L.I.

### LAMPHOUSE.

Rigidly constructed in sheet steel with two light tight doors with plastic handles and long glass eye-pieces, carefully tinted for easy viewing of the crater. An adjustable asbestos curtain is fitted at the rear. The interior is louvred and lined for maximum ventilation and a screwed bush is fitted at the rear end to accommodate the crater focussing attachment.

### OPTICAL ASSEMBLY.

Two separate condenser mounts are available for use with either Universal ( $4'' \times 3\frac{1}{4}''$ ) or Standard ( $3\frac{1}{4}'' \times 3\frac{1}{4}''$ ) Slide Carriers. In both cases the lenses are easily detachable for cleaning. Heat resisting rear condensers can be supplied at extra cost.

The focussing mount has a fine adjustment rack and pinion movement and houses a 2" Diameter fine quality projection lens of up to 26" focus mounted in a separate barrel. Fitted to the mount is a spring loaded flasher head effecting instantaneous or gradual dissolves. For fitting 2" Iris Diaphragms, and standard 2" lenses over 26" focus (see Accessories). The front tube is telescopic and a split clamp bolted to the projector base rigidly supports it. The inner tube can be extended to accommodate the various lens foci.

**WIDE APERTURE LENS.** Though not standard it may be fitted (see Accessories).

**SLIDE CARRIER ASSEMBLY.** See Bi-Unial Specification.

**STAND.** See Bi-Unial Specification.

**FINISH.** Attractively finished in grey, stove enamelled. Special paint finishes can be supplied at extra cost.

### AS ILLUSTRATED WITH PEDESTAL STAND.

**£63**

(With Universal Slide Carrier).

**£60**

(With Standard Slide Carrier).

### WITH PORTABLE STAND.

(As illustrated with Junior De Luxe Model),

**£51**

(With Universal Slide Carrier).

**£48**

(With Standard Slide Carrier).

(When ordering please state the carbon combination and lens focus required and the height centre of porthole and projection angle. We would recommend the porthole to be 12" square).



## SPECIFICATION

*A most versatile apparatus specially designed to give projection rooms the benefit of 2 slide projectors where there would normally be room for only one. This not only allows for economy in projection room staff but by incorporating 2 units in one allows for easier control and the resulting contribution to the quality of presentation.*

**ARC LAMP.** See Senior De Luxe Model Specification.

**LAMPHOUSES.** See Senior De Luxe Model Specification.

**OPTICAL ASSEMBLY.** See Senior De Luxe Model Specification.

**WIDE APERTURE LENS.** Though not standard may be fitted (see Accessories).

### SLIDE CARRIER ASSEMBLY.

The Slide Carriers are all metal construction, the STANDARD to take  $3\frac{1}{4} \times 3\frac{1}{4}$ " English slides and the patented UNIVERSAL to accommodate both English and  $4 \times 3\frac{1}{4}$ " American slides and the effects glass backgrounds (see Automatic Colour Wheel). The assembly is adjustable to square the slides to the screen.

### EFFECTS ASSEMBLY.

Iris Diaphragm Dissolvers are fitted to the front of both Lens Mounts with a pivoted arm to manipulate them. When each Iris is closing a small fingerpiece moves across the aperture and finally cuts off the light. By alternating this movement from one lens to another a most effective dissolve of one picture into another is obtained.

By varying one arc to project coloured background slides and the other for written matter remarkable showmanship can be achieved (see Automatic Colour Wheel).

### STAND ASSEMBLY.

Stand is a heavily built cast iron pedestal, consisting of circular base, outer column and pillar, with the pillar rotating in the column. The stand top can be tilted to any desired angle and clamped. Two 60 amp. D.P. ironclad switches which are attached to the outer column have  $1\frac{1}{2}$ " diam. cable entry holes for incoming mains, and feed asbestos covered cable to the arc lamp terminals.

**DIMENSIONS.**  $6' 0\frac{3}{4}"$  high  $\times$   $1' 9"$  wide.

**FINISH.** Attractively finished in grey, stove enamelled. Special paint finishes can be supplied at extra cost.

COMPLETE AS ILLUSTRATED.

£120

£114

(With Universal Slide Carrier).

(With Standard Slide Carrier).

(When ordering please state the carbon combination and lens focus required and the height centre of slide porthole and angle of projection. We would recommend the porthole to be  $24 \times 12$ " wide).

## BI-UNIAL PROJECTOR

(COMBINED SLIDE & EFFECTS)





# JUNIOR DE LUXE MODEL WITH PORTABLE STAND



*For exhibitors requiring a smaller but nevertheless efficient slide projector embodying the main features of the more expensive models giving its best performance up to 75 feet.*

## SPECIFICATION

### GENERAL.

The assembly of this very popular model is in most aspects a smaller version to that of the Senior De Luxe. The whole unit is attractively finished in grey. Any of the accessory fittings are suitable for this Model.

### ARC. LAMP.

The Premier No. 6 Horizontal Positive Arc, is similar to the No. 5 in that it has magnetic flame control and a fine screw adjustment for crater focussing, but is not recommended for amperages over 45. Self-aligning collets are supplied as ordered to fit carbons 5 m/m to 16 m/m, H.I. and L.I.

### STAND.

The projector may be supplied on the Portable Stand (as illustrated) which features slotted stays

and top bars to allow for projection tilt up to 27° but may be supplied with the Pedestal Stand (see Bi-Unial Specification).

### AS ILLUSTRATED WITH PORTABLE STAND.

**£48**

(With Universal Slide Carrier).

**£45**

(With Standard Slide Carrier).

### WITH PEDESTAL STAND.

(As illustrated with Senior De Luxe Model).

**£60**

(With Universal Slide Carrier).

**£57**

(With Standard Slide Carrier).

(When ordering please state carbon combination and lens focus required).

# ACCESSORIES

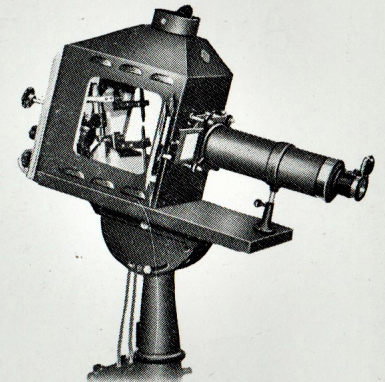
## HIGH INTENSITY A.C. ARC

A most suitable projector is our Senior De Luxe Model fitted with the Premier No. 2 Vertical Arc of 60/90 amperes capacity (as illustrated) but we recommend the use of a heat resisting rear condenser with a dowser to protect it when striking on high amperages. The arc is of the vertical type, rack and pinion feed and having 2 lateral and a vertical centreing adjustment, and fitted with a fine screw adjustment for crater focussing. The arc is of robust construction accurately machined throughout. Machined V type carbon holders are fitted for Positive or Negative carbons from 6 mm. to 20 mm.

We do not recommend the use of L.I. Trims on A.C. current.

Price as Senior De Luxe Model.

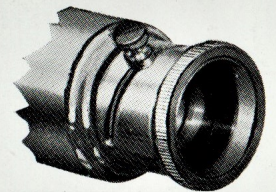
Extra cost of Dowser: £3



## DE LUXE WIDE APERTURE LENS

A 3" Achromatic projection lens of varying foci from 16" to 26" can be supplied and fitted to any Premier Projector. The recent introduction of this superb piece of equipment fulfils our aim of being able to satisfy exhibitors for whom only the very best will do. A new lens mount which has been specially designed for it incorporates a spiral focussing movement that can be pre-set and clamped (see illustration).

£12 extra.



## 2" LENSES OVER 26" FOCUS

Extension tubes are available to accommodate these lenses in 4" or 6" lengths and screw into position between the front tubes and focussing mount, and are so designed that existing contours of the equipment are not impaired.

6" lengths	...	£1 . 16 . 0	each
4" lengths	...	£1 . 12 . 0	each

## IRIS DISSOLVERS

Can be fitted to our Junior and Senior De Luxe Models at an extra cost of £4

## SLIDE BOX

Neatly made metal construction to hold 50 slides either 3 1/4" x 3 1/4" or 4" x 3 1/4"

£2 . 5 . 0

