



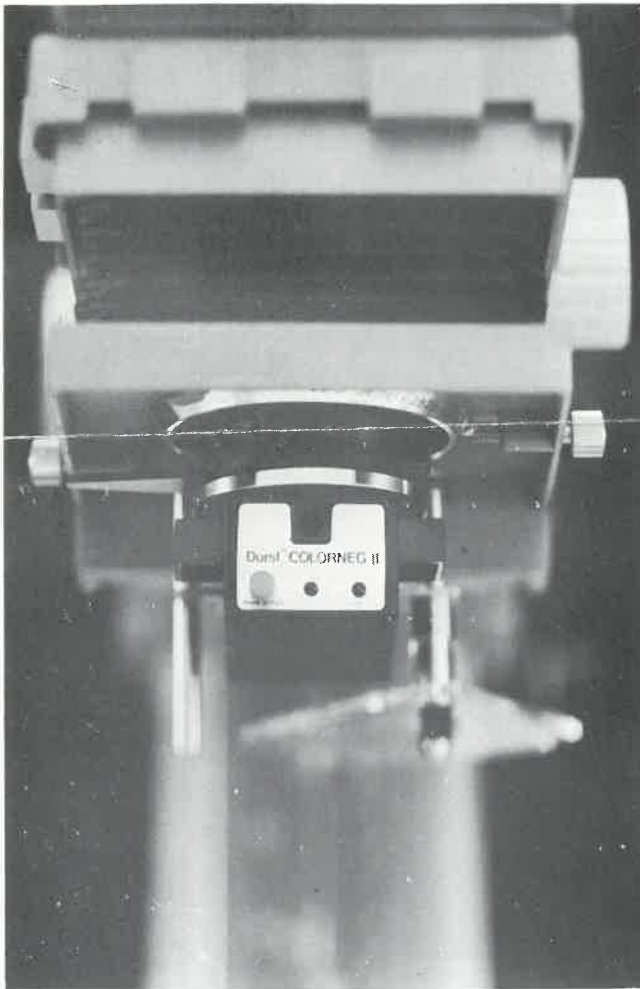
JOHNSONS
OF HENDON LTD

Durst

Product sheet No.6

The Durst Colorneg II Analyser

General Information



With the advent of colour printing for the amateur, an easy to use system of analysing negatives became a basic problem. Durst who were the first major manufacturers to produce an amateur colour printing system also produced an amateur colour analyser. This took both its filtration and exposure readings beneath the lens, with the lens at maximum aperture.

The Colorneg II incorporates all the vast knowledge of both manufacturing and use of colour printing equipment that Durst possess. This new analyser has the following improvements

All readings are taken at the working aperture, the analyser requires no adaptors to ensure a light seal with the lens, the final exposure measurements are made on the base board. Therefore no calculations are needed for changes in magnification.

The Colorneg II has in common with all Durst products the latest in design and use of modern materials, light emitting diodes are used to indicate correct balance for filtration and exposure. Integrated circuits ensure maximum reliability coupled with a very small size.

Calibration is made by adjusting screws on the filter slide (dichroic of course) of the analyser, no accidental movement is possible.

After making test prints from a suitable standard negative * the units are programmed to the filter settings, and then when a new negative is placed in the neg carrier the filters of the colour head are zeroed, one of the two lights on the front of the Colan II will light when the button is pressed. The appropriate filter dial is turned until both lights are at the same intensity, the process is then repeated on the other two stages, the procedure is repeated as a check, then a print can be made. Durst have selected the integrating method of analysing negatives as being the most reliable for the amateur, spot measurement can lead to many problems that are easily overcome by the Durst method.



*STANDARD NEGATIVE

A negative that does not contain a large imbalance of the 3 colours, correctly processed, and of the normal type of film used.