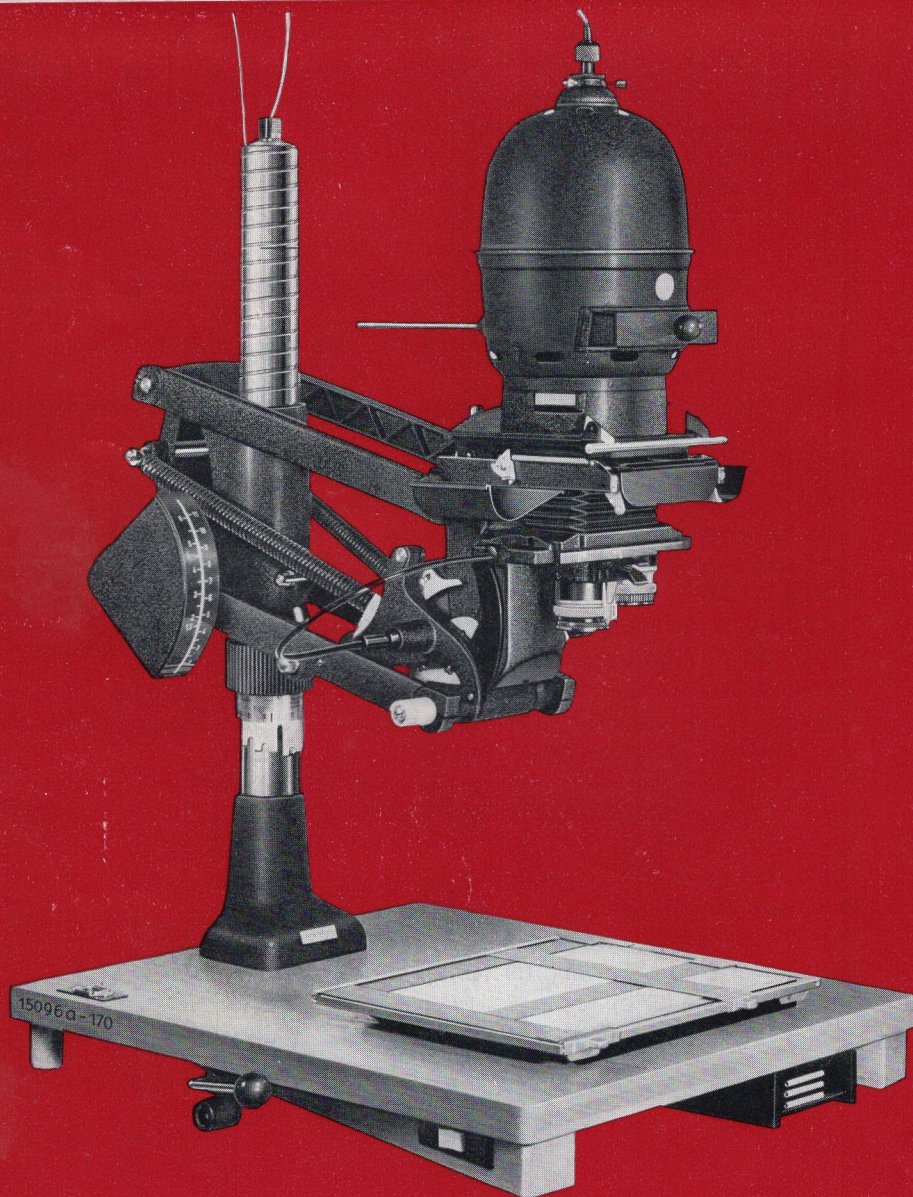# Leitz Special Programme

for Recording, Communication, Photography in Science and Technology

FOCOMAT IIc

professional enlarger for negative formats of up to 6 x 9cm. For economical enlarging with automatic focusing.

Users:

Professional photographers · pictorial journalists · photo-finishers' darkrooms · photographic laboratories in industry, administration, publishing houses, scientific departments, hospitals

Applications:

Enlarging · reducing · correcting converging verticals · reproduction

Technical data:

The LEITZ FOCOMAT® IIc offers a maximum of optical performance and operating convenience. Stability and robustness received particular attention at the design stage. They guarantee the full utilization of the refinements, advantages, and universal application of this top-quality precision instrument.

The enlarger head can be positively locked with a conveniently sited clamping knob within the entire adjustment range; parallelogram arms permit easy and rapid adjustment. It has torsionally rigid, strongly pivoted levers and balancing springs. A rubber stop softens impact at the lower end position.

Masking frames are available for various formats up to 30 x 40cm (12 x 16in). The 24 x 30cm (10 x 12in) masking frame is particularly recommended; it is placed on the baseboard without clamping device.

Automatic focusing. Negative format of up 6 x 9cm.

Automatic focusing range with the 60mm FOCOTAR® f/4.5 lens from about 2–11x; with the 100mm V-ELMAR® f/4.5 from about 1.4 to 5.7x. Manual focusing down to reproduction scale 1:1 and reductions down to 1:2.5; when the enlarger head is further raised, up to 16x with the 60mm FOCOTAR and up to 8.6x with the 100mm V-ELMAR.

Sliding lens turret with coupled changeover of the automatic focusing system during lens change.

Non-warping 54 x 67.5cm (21.8 x 27in) baseboard with clamping lever system for the masking frame.

Column length 80cm (32in), diameter 6cm (2.4in).

Height compensating ring for masking frames of several thicknesses.

The enlarging ratio can be read on a scale.

Lamp housing with detachable top and centring lamp holder for 150W or 250W enlarger lamp.

Filter drawer with filter raising device for 12 x 12cm (4¾ x 4¾in) correction filters for colour enlarging (available as an extra on request).

The Agfa colour head can be attached via an adapter. Special inserts for the enlargement of electron microscope negatives. Internally illuminated enlargement indicator for colour enlarging (available on request).

Negative carrier with glass plates (top plate specially treated to eliminate Newton's Rings) for the 24 x 24mm to 6 x 9cm negative sizes, interchangeable with special film carrier.

Tilting unit (available on request).

Film trays on both sides.

Storage box for negative masks.

Standing area 54 x 67.5cm (21.8 x 27in)   Height: 90cm (36in)

Weight: 39.35kg (87lb)

Outfits:

FOCOMAT IIc enlarger

FOCOMAT IIc with 54 x 67.5cm (21.8 x 27in) baseboard; column,
length 80cm (32in), diameter 6cm (2.4in), parallelogram arm system, lamp
housing, double condenser, 60mm FOCOTAR f/4.5 and 100mm V-ELMAR f/4.5
special enlarging lenses on sliding lens turret with coupled change-over of
the automatic focusing system; 24 x 36mm and 6 x 6cm masks, with 150 W lamp,
ready for connection, but without masking frame   17 860

Internally illuminated enlargement indicator   17 862

Filter drawer for 12 x 12cm correction filters   17 864

FOCOMAT IIc-COLOR, complete   18 870

Swing-out red filter for direct focusing of the image on the light-sensitive
enlarging paper for black-and-white enlarging   17 875

Light trap (when filter drawer is removed)   17 802

Dust cover for FOCOMAT IIc or IIc-COLOR   17 606

24 x 30cm (10 x 12in) masking frame   17 584

Accessories

Negative masks for formats		Code No.
	12 x 17mm	17 897
	18 x 24mm	17 899
	24 x 24mm	17 887
	28 x 28mm	17 898
	24 x 36mm (replacement)	17 888
	3 x 4cm ($1^1/_8$ x $1^5/_8$in)	17 889
	4 x 4cm ($1^5/_8$ x $1^5/_8$in)	17 890
	4.5 x 6cm ($1^3/_4$ x $2^1/_4$in)	17 891
	4 x 6.5cm ($1^5/_8$ x $2^1/_2$in)	17 892
	6 x 6cm (replacement) ($2^1/_4$ x $2^1/_4$in)	17 893

Accessories for single negatives

Insert for the double glass plate and additional spring catch for the helical
focusing mount   17 712

10 x 22cm (4 x 8.8in) double glass plate for same   17 710

Electron micrographs

Effective format 62 x 65mm (2.5 x 2.6in)
Insert with larger cut-out for the double glass plate and additional
spring catch for the helical focusing mount   17 716

10 x 22cm (4 x 8.8in) double glass plate for same   17 710

62 x 65mm (2.5 x 2.6in) negative mask for same   17 803

76 x 95mm effective format

Insert for $3^1/_2$ x 4in (83 x 102mm) plates with graduated filter and spring catch
for the helical focusing mount   17 717

Glass negative carrier for

6.5 x 9cm ($2^1/_2$ x $3^1/_2$in) and 7 x 7cm ($2^3/_4$ x $2^3/_4$in) formats   17 869

Adapter for 6 x 6cm ($2^1/_4$ x $2^1/_4$in) plates for same   17 881

Adapter for 5 x 5cm plates for same   17 882

Film pressure device with single glass pressure plate (specially treated)
for the 24 x 36mm format   17 876

Graduated filter for FOCOMAT IIc-COLOR   17 855

	Code No

Increasing the enlarging range

Supplementary setting gauge for 1:1 reproduction and reductions
(without 16 617 and 16 615)   17 861

Extension tube for same for the 60mm FOCOTAR for reductions down to
1:2.5, i.e. from 6 x 9cm to 24 x 36mm format   16 617

Extension tube for same for the 100mm V-ELMAR for the 1:1 reproduction scale   16 615

Accessories for the AGFA colour head

Adapter   17 775

Internally illuminated enlargement indicator, included in IIc-COLOR   17 862

For the use of the AGFA VARIOMAT®

Adapter ring, 60mm Ø   17 633

Copying

Copying darkslide for 6.5 x 9cm plates and sheet film and 7 x 7cm plates,
including light shield   17 880

Adapters for same:
    for 5 x 5cm lantern plates   17 882
    for 6 x 6cm lantern plates   17 881

Tilting unit

Tilting frame for negative carrier with extension bellows, negative carrier
(specially treated), tilting head with baseboard
Tilting unit complete   17 885

For colour enlarging we recommend the use of the automatic voltage
stabilizer KH 13, manufactured and available from Zählerwerkstätten

K. Biesinger, 6935 Hirschhorn am Neckar, Germany.

Special exposure timer for same on request.

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