

Durst



Supreme engineering for
the amateur
darkroom:
Your own
better prints
from good
pictures

Durst

English

The real fun is making your own
prints exactly as you want them.



PHOTOTECHNIK

PHOTRON

Photographic & Electronic Services

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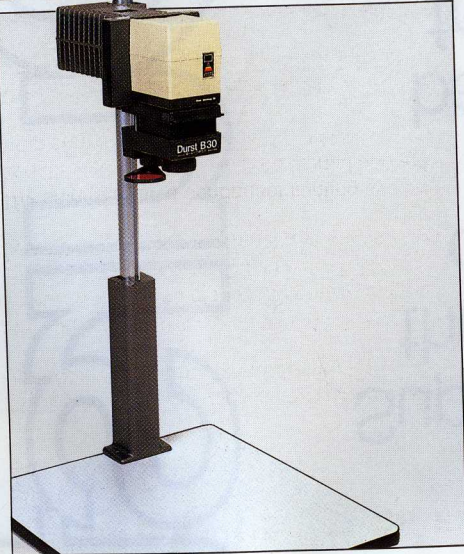
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Durst B 30 Black-and-white



Durst B 30 system chart

- ⑦ NERIOMA 26 - 26 × 26
- ⑦ NERIOMA 18 - 18 × 24
- ⑦ NERIOMA 110 - 13 × 17
- ⑦ NERIOMA 11 - 8 × 11

③ METRINEG 50

Accessories for films
smaller than 24 × 36 mm

Standard 24 × 36 mm
outfit:
Basic enlarger with
Lamphouse
Condenser
Lens
Negative carrier
Lamp holder
Opal lamp

Spares

⑤ DULAMP 75

Wall mounting
accessories

⑩ VEGAWAL

General accessories

⑨ SIRIOCUF

What the order codes stand for in the system charts:

- | | |
|------------------------------|--------------------------|
| ① Condenser | ⑩ Wall mounting |
| ② Negative carrier | ⑪ Tungsten-halogen lamp |
| ③ Universal negative carrier | ⑫ Camera adapter |
| ④ Disc adapter | ⑬ Filter drawer |
| ⑤ Opal lamp | ⑭ Projection lamp |
| ⑥ Lens board | ⑮ Special format mask |
| ⑦ Format masks | ⑯ Copying film holder |
| ⑧ Anti-Newton ring glass | ⑰ Negative carrier glass |
| ⑨ Dust cover | |

Conversion kits

- a) Format conversion kit
- b) Colour kit
- c) Black-and-white kit

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To be fun, it must be easy to start

Black-and-white enlarger for the portable home darkroom. Easily set up and dismantled.

Handles all film sizes up to 24 × 36 mm. Convection cooling of the lamphouse ensures efficient heat dissipation. The reflex lighting system further reduces heating of the negative.

The enlarger has a condenser lighting system and 75 watt opal lamp with horizontal and axial lamp centering plus a swing-in red filter.

The removable hinged negative carrier with film guides and light trap keeps the film flat.

The solid construction (round column with high column base and rigid baseboard) promotes freedom from vibration during exposure.

The B 30 is supplied with a fitted 50 mm f/3.5 lens and is thus immediately ready for use.

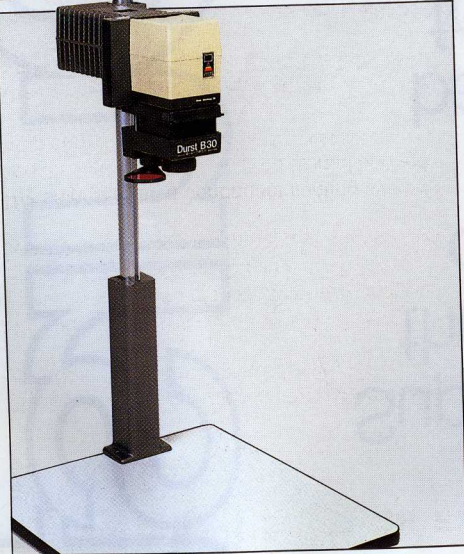
Technical data

Baseboard size:	: 400 × 430 mm (15.7 × 16.9 in.)
Usable baseboard area	: 400 × 380 mm (15.7 × 15.0 in.)
Maximum height with fully raised enlarger head	: 950 mm (37.4 in.)
Optical axis/column distance	: 175 mm (6.9 in.)
Magnification range	: Min. 2.1 × Max. 13.8 ×
Filter drawer:	: 60 × 60 mm



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Durst B 30 Black-and-white



Durst B 30 system chart

- ⑦ NERIOMA 26 - 26 × 26
- ⑦ NERIOMA 18 - 18 × 24
- ⑦ NERIOMA 110 - 13 × 17
- ⑦ NERIOMA 11 - 8 × 11

③ METRINEG 50

Accessories for films
smaller than 24 × 36 mm

Standard 24 × 36 mm
outfit:
Basic enlarger with
Lamphouse
Condenser
Lens
Negative carrier
Lamp holder
Opal lamp

Spares

⑤ DULAMP 75

Wall mounting
accessories

⑩ VEGAWAL

General accessories

⑨ SIRIOCUF

What the order codes stand for in the system charts:

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| ① Condenser | ⑩ Wall mounting |
| ② Negative carrier | ⑪ Tungsten-halogen lamp |
| ③ Universal negative carrier | ⑫ Camera adapter |
| ④ Disc adapter | ⑬ Filter drawer |
| ⑤ Opal lamp | ⑭ Projection lamp |
| ⑥ Lens board | ⑮ Special format mask |
| ⑦ Format masks | ⑯ Copying film holder |
| ⑧ Anti-Newton ring glass | ⑰ Negative carrier glass |
| ⑨ Dust cover | |

Conversion kits

- a) Format conversion kit
- b) Colour kit
- c) Black-and-white kit

2

To be fun, it must be easy to start

Black-and-white enlarger for the portable home darkroom. Easily set up and dismantled.

Handles all film sizes up to 24 × 36 mm. Convection cooling of the lamphouse ensures efficient heat dissipation. The reflex lighting system further reduces heating of the negative.

The enlarger has a condenser lighting system and 75 watt opal lamp with horizontal and axial lamp centering plus a swing-in red filter.

The removable hinged negative carrier with film guides and light trap keeps the film flat.

The solid construction (round column with high column base and rigid baseboard) promotes freedom from vibration during exposure.

The B 30 is supplied with a fitted 50 mm f/3.5 lens and is thus immediately ready for use.

Technical data

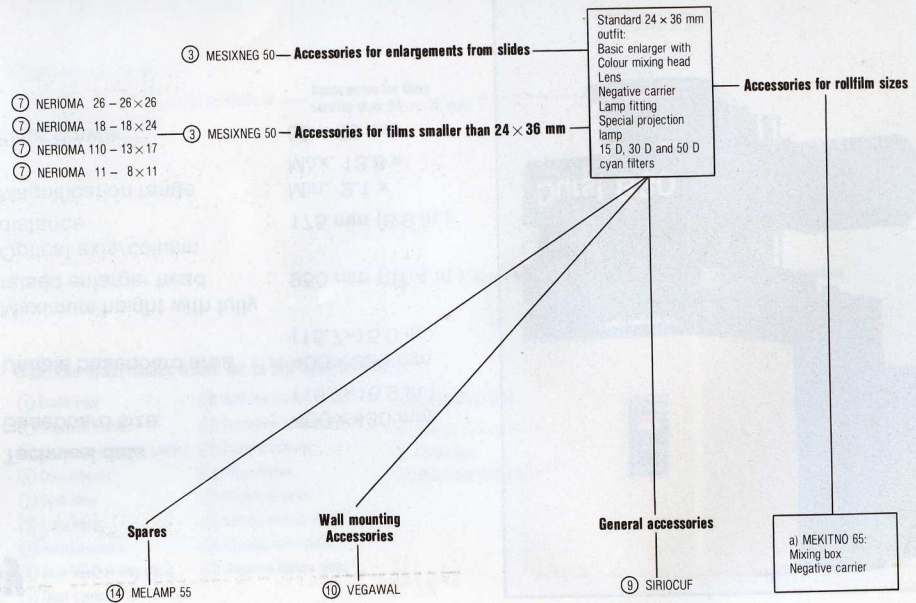
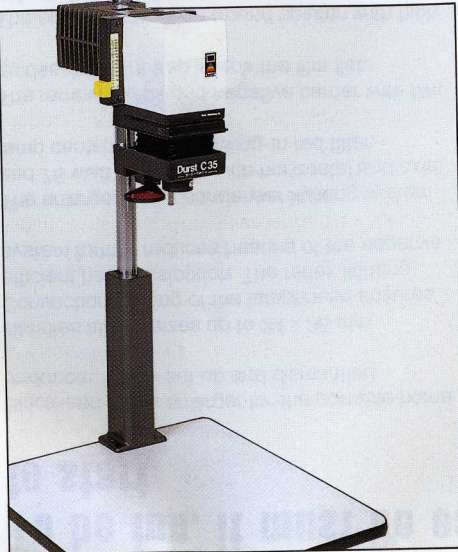
Baseboard size:	: 400 × 430 mm (15.7 × 16.9 in.)
Usable baseboard area	: 400 × 380 mm (15.7 × 15.0 in.)
Maximum height with fully raised enlarger head	: 950 mm (37.4 in.)
Optical axis/column distance	: 175 mm (6.9 in.)
Magnification range	: Min. 2.1 × Max. 13.8 ×
Filter drawer:	: 60 × 60 mm



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Durst C 35 Universal

Durst C 35 system chart
See page 2 for order codes



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The most economical colour and black-and-white enlarger for the amateur darkroom

Universal enlarger, ready for operation, with colour mixing head for colour and black-and-white enlargements and for film sizes up to 24 x 36 mm including 5 x 5 cm (2 x 2 in.) colour slides. Convertible to 6 x 6 cm (2 1/4 x 2 1/4 in.) rollfilm. Convection cooling with effective heat dissipation plus reflex lighting system ensure minimum heating. The enlarger has a special 55 watt lamp and needs no transformer. Designed for absolutely even light mixing and illumination, the colour head uses diffused lighting. A stepless yellow and magenta filter adjustment covers a densitometric range from 0 to 130. Supplementary cyan filters supplied.

Also included are a swing-in red filter and built-in ultraviolet and infrared absorbing filters. The removable hinged negative carrier with film guides and light trap keeps films flat. A solid baseboard with rigid column base and round

column reduces vibration considerably during exposure. The C 35 is supplied complete with a fitted 50 mm f/2.8 lens.

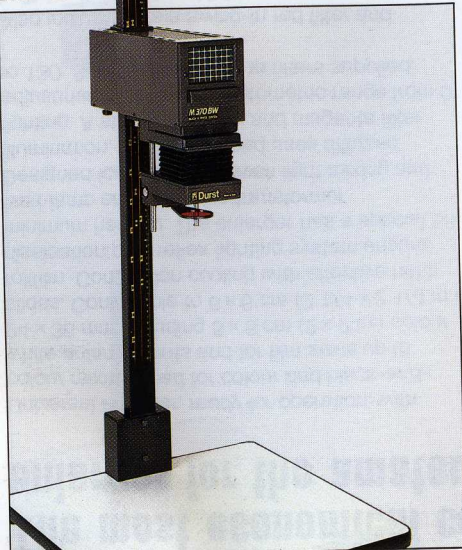
Technical data

Baseboard size	: 400 x 430 mm (15.7 x 16.9 in.)
Usable baseboard area	: 400 x 380 mm (15.7 x 15.0 in.)
Maximum height with fully raised enlarger head	: 950 mm (37.4 in.)
Optical axis/column distance	: 188 mm (7.4 in.)
Magnification range	: Min. 1.6 x Max. 13.3 x



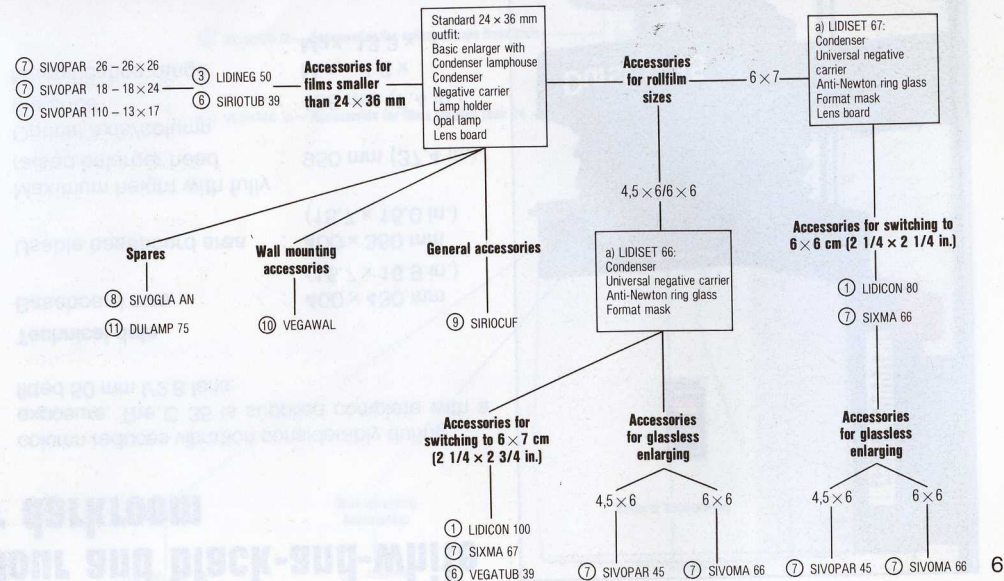
5

Durst M 370 Black-and-white



Durst M 370 BW system chart

See page 2 for order codes



Your own black-and-white shots deserve quality prints

Black-and-white is back "in" again. That and the increased range of film sizes have shaped enlarger design.

The Durst M 370 BW is an economically priced high-performance enlarger for all film sizes from 110 format to 6 x 7 cm or 2 1/4 x 2 3/4 in.

The reflex lighting system ensures optimum light output and even illumination to the corners with minimum heat generation.

That covers the standard 35 mm outfit as well as the 6 x 6 cm and 6 x 7 cm conversion kits.

The standard unit is supplied with a matched condenser and hinged fixed-size negative carrier plus a 75 watt opal lamp and lens board. The choice of lens is up to you, the user.

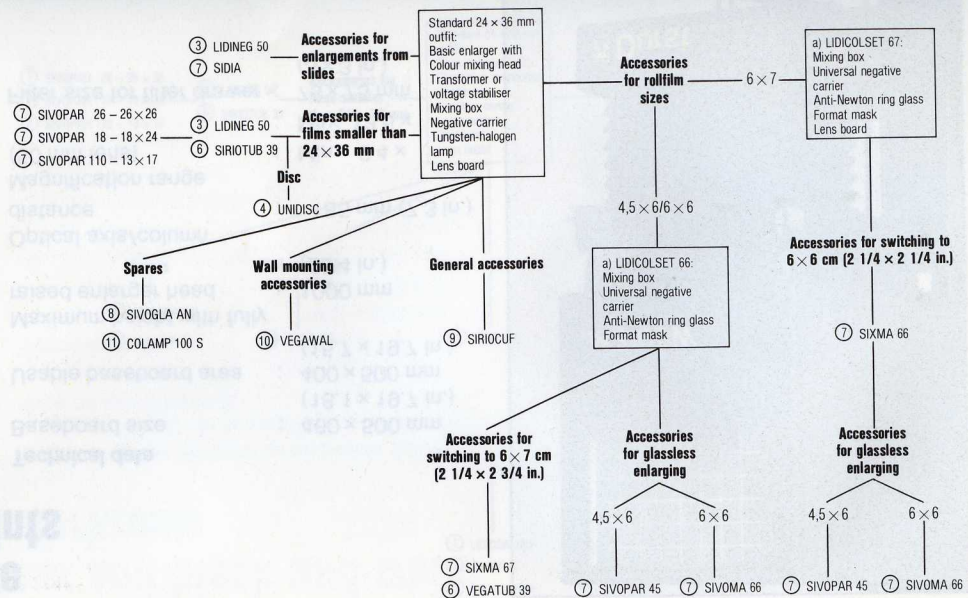
Technical data

Baseboard size	: 460 x 500 mm (18.1 x 19.7 in.)
Usable baseboard area	: 400 x 500 mm (15.7 x 19.7 in.)
Maximum height with fully raised enlarger head	: 1000 mm (39.4 in.)
Optical axis/column distance	: 185 mm (7.3 in.)
Magnification range (50 mm lens)	: Min. 2.4 x Max. 13.5 x
Filter size for filter drawer	: 75 x 75 mm (3 x 3 in.)



Durst M 370 COLOR

Durst M 370 COLOR system chart
See page 2 for order codes



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To keep the enjoyment going from the start

Though the Durst M 370 COLOR is a moderately priced enlarger, its colour mixing head has a fully professional diffused lighting system and high-quality dichroic filters. It covers film sizes from Disc to 6 x 7 cm (2 1/4 x 2 3/4 in.); the standard unit is equipped for 24 x 36 mm films and includes a 35 mm mixing box and hinged fixed-size negative carrier.

The enlarger further includes a 12 volt 100 watt tungsten-halogen lamp, a lens board and either a standard or voltage-stabilised transformer, whichever you choose.

The choice of the lens is up to you, the user. Conversion kits ensure optimum light output and even illumination to the corners. A white-light lever swings the filters out of the way for easier accurate focusing.

Technical data

Baseboard size	: 460 x 500 mm (18.1 x 19.7 in.)
Usable baseboard area	: 400 x 500 mm (15.7 x 19.7 in.)
Maximum height with fully raised enlarger head	: 1000 mm (39.4 in.)
Optical axis/column distance	: 185 mm (7.3 in.)
Magnification range (50 mm lens)	: Min. 2.4 x Max. 13.5 x



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Durst M 670 Black-and-white

Durst M 670 BW system chart

See page 2 for order codes

- ⑦ SIVOPAR 26 - 26 × 26
- ⑦ SIVOPAR 18 - 18 × 24
- ⑦ SIVOPAR 110 - 13 × 17

Accessories for films smaller than 24 × 36 mm

Standard 24 × 36 mm outfit:
Basic enlarger with
Condenser lamphouse
Condenser
Negative carrier
Format mask
Lamp holder
Opal lamp
Lens board

Wall mounting accessories

⑩ VEGAWAL

Accessories for rollfilm sizes

4,5 × 6 / 6 × 6

a) VEGASET 66:
Condenser
Anti-Newton ring glass
Format mask

Accessories for switching to 6 × 6 cm (2 1/4 × 2 1/4 in.)

① SIRIOCON 80

⑦ SIXMA 66

Accessories for glassless enlarging

4,5 × 6

6 × 6

⑦ SIVOPAR 45

⑦ SIVOMA 66

Spares

⑧ SIVOGLA AN

⑤ DULAMP 150

Copying accessories

On 6,5 × 9 cm sheet film

⑬ SIRIOREP

With a camera

⑫ SIRIOCAM

Accessories for colour enlarging

b) COLIS 670:
Colour mixing head
Transformer
Mixing box
Tungsten-halogen lamp

Accessories for switching to 6 × 7 cm (2 1/4 × 2 3/4 in.)

① VEGACON 100

⑦ SIXMA 67

⑥ VEGATUB 39

⑬ VEGAFI

Accessories for glassless enlarging

4,5 × 6

6 × 6

⑦ SIVOPAR 45

⑦ SIVOMA 66

Detailed design in black-and-white

The Durst M 670 BW meets the top requirements of black-and-white photography and covers negatives up to 6 × 7 cm (2 1/4 × 2 3/4 in.). It also permits wall and floor projection.

It is a system enlarger, too: With accessories for copying and convertible to colour enlarging. Superbly engineered for optimum light output and even illumination to the image corners.

The reflex lighting system and ventilating slots minimise heat retention. The standard 24 × 36 mm enlarger is equipped with a 50 mm condenser, a reinforced universal negative carrier with glassless metall masks, a 150 volt opal lamp and lens board. The choice of the lens is up to you, the user.

Technical data

Baseboard size : 460 × 500 mm (18.1 × 19.7 in.)
Usable baseboard area : 400 × 500 mm (15.7 × 19.7 in.)

Maximum height with fully raised enlarger head : 1250 mm (49.2 in.)
Optical axis/column distance : 210 mm (8.3 in.)

Magnification range (50 mm lens) : Min. 2.2 ×
: Max. 19.0 ×

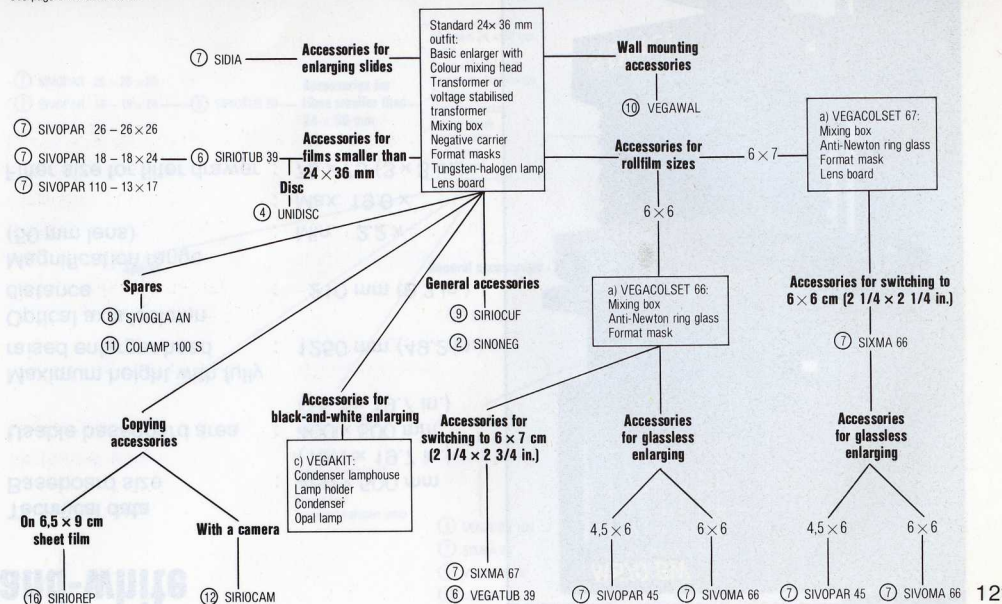
Filter size for filter drawer : 75 × 75 (3 × 3 in.)



Durst M 670 COLOR

Durst M 670 COLOR system chart

See page 2 for order codes



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Engineered for better prints from any picture

Durst's way of handling colour ensures maximum detail and perfect images. The colour mixing head of this superb colour enlarger for all film sizes from Disc up to 6 x 7 cm (2 1/4 x 2 3/4 in.) has a genuine professional diffused lighting system and high-quality dichroic filters, which can be swung out of the way with a white-light lever for easier focusing.

The basic 35 mm outfit and the conversion kits for 6 x 6 cm and 6 x 7 cm make the most of the light output from the 100 watt tungsten-halogen lamp to illuminate negatives evenly right into the corners.

The enlarger is equipped for wall and floor projection and can be converted to a black-and-white model.

The choice of lens is up to you, the user.

Technical data

Baseboard size	: 460 x 500 mm (18.1 x 19.7 in.)
Usable baseboard area	: 400 x 500 mm (15.7 x 19.7 in.)
Maximum height with fully raised enlarger head	: 1250 mm (49.2 in.)
Optical axis/column distance	: 210 mm (8.3 in.)
Magnification range (50 mm lens)	: Min. 2.2 x : Max. 19.0 x

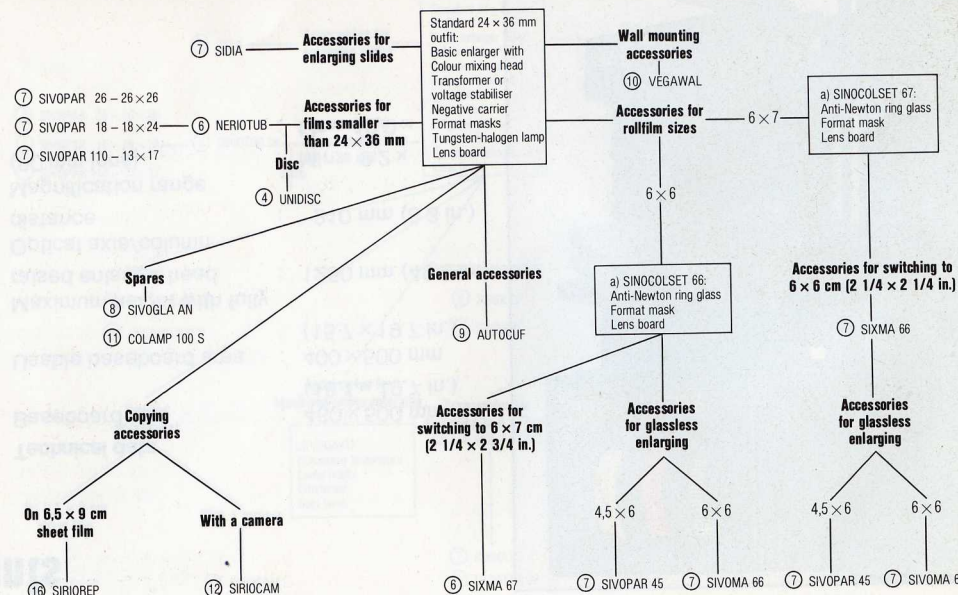
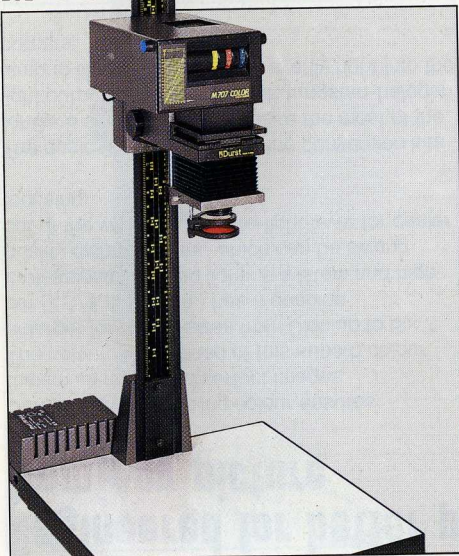


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Durst M 707 COLOR

Durst M 707 COLOR system chart

See page 2 for order codes



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Superb colour engineering for advanced darkroom requirements

In the Durst M 707 COLOR we aimed at engineering perfection to create something special.

The high-performance colour mixing head of this top-class enlarger is easily adaptable to rollfilm sizes up to 6 x 7 cm (2 1/4 x 2 3/4 in.) without special conversion - you just shift the built-in movable mixing box.

The massive baseboard meets semi-professional needs. The exceptional versatility of this unit shows up in the rigid steel profile column with counterweighting spring, the all-metal pin register type negative carrier, the dual filter holder with red filter and with diffuser for meter readings, and in the special features such as full distortion control and wall projection. The system includes extensive copying accessories and provision for wall mounting.

Technical data

Baseboard size	: 540 x 500 mm (21.3 x 19.7 in.)
Usable baseboard area	: 470 x 500 mm (18.5 x 19.7 in.)
Maximum height with fully raised enlarger head	: 1300 mm (51.2 in.)
Optical axis/column distance	: 250 mm (9.8 in.)
Magnification range (50 mm lens)	: Min. 2.2 x : Max. 19.0 x



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Durst AC 707 BW

Durst AC 707 BW system chart

See page 2 for order codes

**Automatic
Density Control**

- ⑦ SIVOPAR 26 - 26 × 26
- ⑦ SIVOPAR 18 - 18 × 24
- ⑦ SIVOPAR 110 - 13 × 17

**Accessories for
films smaller
than 24 × 36 mm**

Standard 24 × 36 mm
outfit:
Basic enlarger with
Condenser lamphouse
Condenser
Negative carrier
Format masks
Lamp holder
Opal lamp
Lens board

**Wall mounting
accessories**

⑩ VEGAWAL

**Accessories for
rollfilm sizes**

6 × 7

a) SINOSSET 67:
Condenser
Anti-Newton ring glass
Format mask
Lens board

Spares

- ⑧ SIVOGLA AN
- ⑤ DULAMP 150

General accessories

⑨ AUTOCLUF

**Copying
accessories**

**On 6.5 × 9 cm
sheet film**

⑬ SIRIOREP

With a camera

⑭ SIRIOCAM

**Accessories for
switching to 6×7 cm
(2 1/4 × 2 3/4 in.)**

- ① VEGACON 100
- ⑦ SIXMA 67

**Accessories
for glassless
enlarging**

4.5 × 6

⑦ SIVOPAR 45

6 × 6

⑦ SIVOMA 66

**Accessories for switching to
6 × 6 cm (2 1/4 × 2 1/4 in.)**

- ① SIRIOCON 80
- ⑦ SIXMA 66

**Accessories
for glassless
enlarging**

4.5 × 6

⑦ SIVOPAR 45

6 × 6

⑦ SIVOMA 66

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The N° 1. model for black-and-white

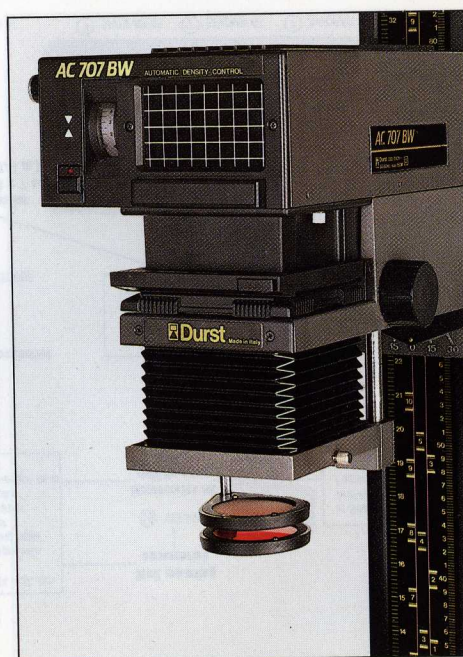
Durst's new super class with built-in electronic metering meets the special creative standards of professional darkroom performance. This black-and-white version of the AC 707 model range offers full Scheimpflug type distortion control, wall and floor projection and a pin register type system built into the standard negative carrier.

The high-quality die-cast aluminium negative carrier takes all formats up to 6 × 7 cm. Accurately matched conversion kits ensure optimum light output and full illumination into the image corners. An automatic density control and meter probe makes accessory metering systems unnecessary.

It is a true system enlarger, convertible to full copying use. The choice of the lens is up to you, the user.

Technical data

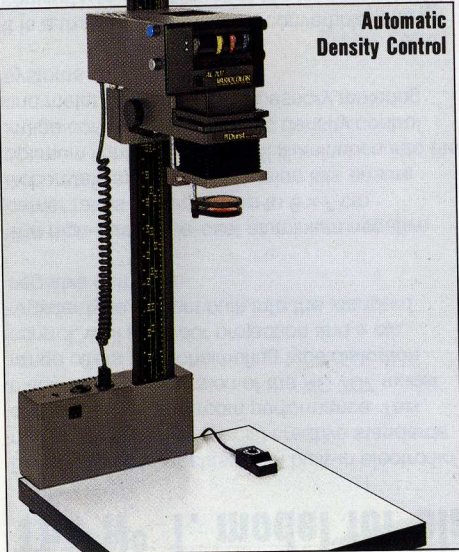
Baseboard size	: 540×500 mm (21.3×19.7 in.)
Usable baseboard area	: 470 × 500 mm (18.5 × 19.7 in.)
Maximum height with fully raised enlarger head	: 1300 mm (51.2 in.)
Optical axis/column distance	: 250 mm (9.8 in.)
Magnification range (50 mm lens)	: Min. 2.2 × : Max. 19.0 ×
Filter size for filter drawer	: 82 × 82 mm (3 1/4 × 3 1/4 in.)



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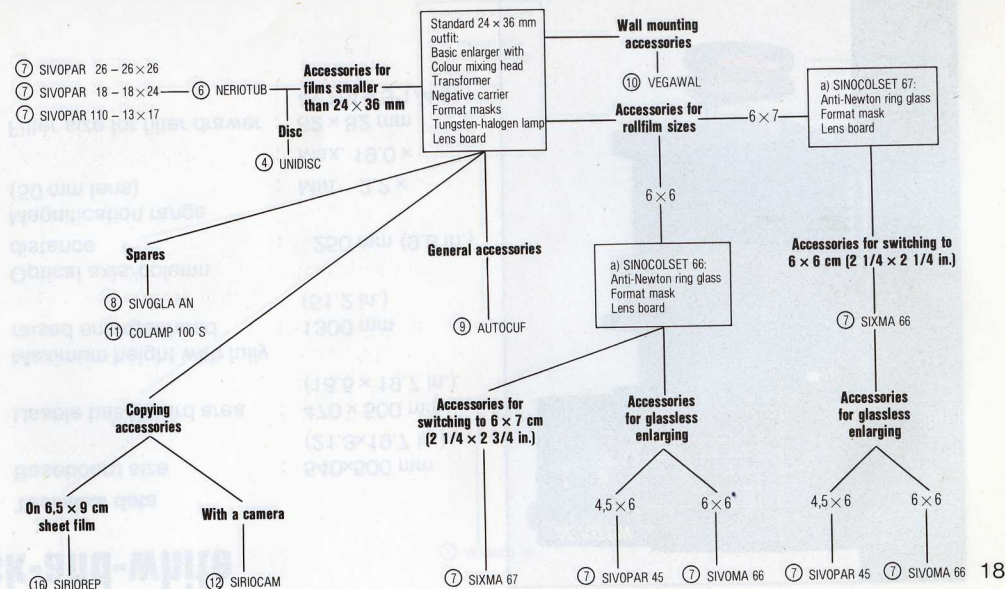
Durst AC 707 VARIOCOLOR

Automatic
Density Control



Durst AC 707 VARIOCOLOR system chart

See page 2 for order codes



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The new approach to perfect colour prints

With built-in automatic density control this high-quality colour enlarger of the new Durst super class meets top standards of enlarging from slides and colour negatives. It is equally suitable for variable-contrast papers.

The high-quality die-cast aluminium negative carrier takes all film sizes from Disc to 6 x 7 cm (2 1/4 x 2 3/4 in.). Built-in movable mixing boxes and conversion kits provide optimum light output with fully diffused professional illumination. Superb colour mixing and fully even illumination to the image corners ensure the best results.

Other versatile features are full Scheimpflug type distortion control, provision for projection on the wall and floor, convertibility to a comprehensive copying system and a built-in register pin type system. The choice of the lens is up to you, the user.

Technical data

Baseboard size	: 540x500 mm (21.3x19.7 in.)
Usable baseboard area	: 470 x 500 mm (18.5 x 19.7 in.)
Maximum height with fully raised enlarger head	: 1300 mm (51.2 in.)
Optical axis/column distance	: 250 mm (9.8 in.)
Magnification range (50 mm lens)	: Min. 2.2 x : Max. 19.0 x

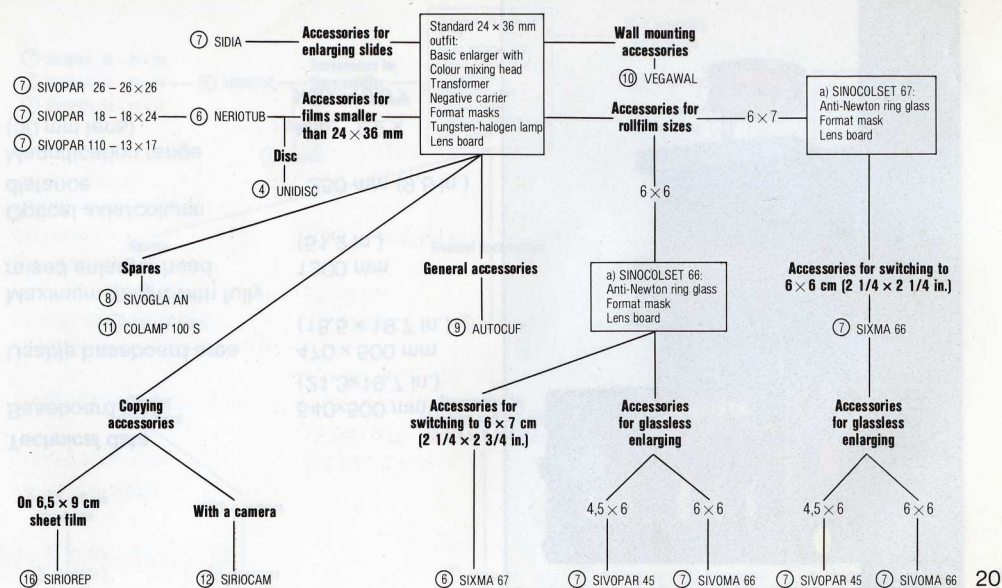


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Durst AC 707 AUTOCOLOR system chart

See page 2 for order codes



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Futuristic electronic perfection

Top model of Durst's new super class for all film sizes from Disc up to 6 x 7 cm (2 1/4 x 2 3/4 in.). The SFC and SBC systems provide the latest technology of electronic colour and exposure measurement.

The prints obtained first time surpass results from traditional colour analyzers with diffused-light readings. Even colour negatives of anomalous colour distribution do not significantly affect colour measurement.

Built-in movable mixing boxes and conversion kits ensure optimum light output with truly professional diffused lighting.

Top quality colour mixing and even illumination to the corners of the image.

Other versatile features of this top-class enlarger include full Scheimpflug type distortion control, facilities for projecting on the wall or floor, a high-quality aluminium die-cast negative carrier and built-in pin register type system.

The choice of the lens is up to you, the user.

Technical data

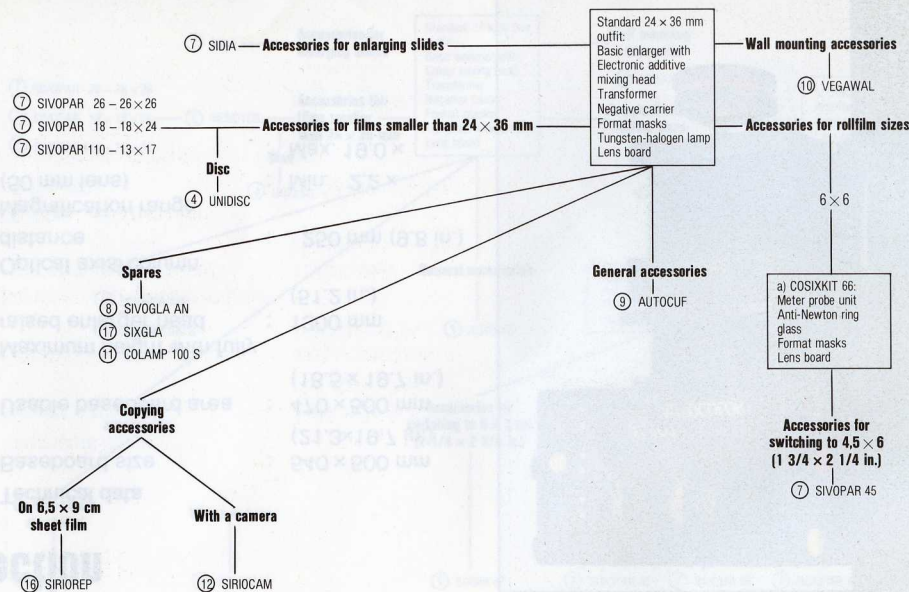
Baseboard size	: 540 x 500 mm (21.3 x 19.7 in.)
Usable baseboard area	: 470 x 500 mm (18.5 x 19.7 in.)
Maximum height with fully raised enlarger head	: 1300 mm (51.2 in.)
Optical axis/column distance	: 250 mm (9.8 in.)
Magnification range (50 mm lens)	: Min. 2.2 x : Max. 19.0 x



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Durst AC 650 Automatic

Durst AC 650 system chart
See page 2 for order codes



22

Electronics for automatic colour and exposure control

Fully automatic enlarger for all film sizes up to 6 x 6 cm (2 1/4 x 2 1/4 in.). One integral unit combines the functions of a colour mixing head, filter control colour analyzer and exposure timer. You just press a button to switch on the meter cells to measure colour balance and exposure. Electronic system control yields superb results from colour or black-and-white negatives. Unlike usual mixing heads, the automatic colour head projects the primary colours in sequence with additive exposures to ensure ideal exposure for each colour paper emulsion layer. Top features include fully even illumination to the corners of the projected image and outstanding light output of the 100 watt tungsten-halogen lamp.

Also provided is provision for wall and floor projection, full Scheimpflug distortion control and facilities for conversion to a copying outfit. The choice of the lens is up to you, the user.

Technical data

Baseboard size	: 540 x 500 mm (21.3 x 19.7 in.)
Usable baseboard area	: 490 x 500 mm (19.3 x 19.7 in.)
Maximum height with fully raised enlarger head	: 1130 mm (44.5 in.)
Optical axis/column distance	: 250 mm (9.8 in.)
Magnification range (50 mm lens)	: Min. 3.0 x : Max. 14.0 x

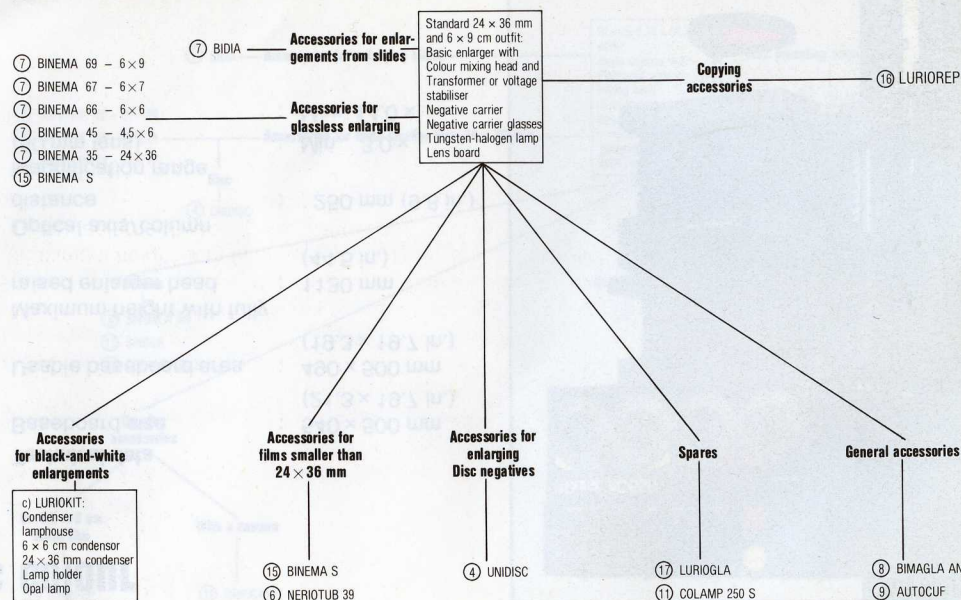


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Durst M 805 COLOR

Durst M 805 COLOR system chart

See page 2 for order codes



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Top-level professional colour enlarger up to 6 x 9 cm with density control and 250 watt tungsten-halogen lamp

The colour mixing head of this enlarger and copying unit for all film sizes from 35 mm to 6 x 9 cm (2 1/4 x 3 1/4 in.) represents a supreme standard for high-performance enlargers. It offers genuine professional diffused lighting for colour and black-and-white work with optimum light output of the 250 watt tungsten-halogen lamp, exceptionally efficient colour mixing and fully even illumination without fall-off at the edges. The reflex lighting system reduces heating to a minimum.

Further notable features are provision for wall projection, full Scheimpflug distortion control, a white-light lever, provision for copying, a built-in density control, built-in switch-over mixing boxes and much more. As with all system enlargers you also have a wide choice of lenses of different focal lengths.

Technical data

Baseboard size	: 650 x 600 mm (25.6 x 23.6 in.)
Usable baseboard area	: 560 x 600 mm (22.1 x 23.6 in.)
Maximum height with fully raised enlarger head	: 1350 mm (53.2 in.)
Optical axis/column distance	: 290 mm (11.4 in.)
Magnification range (105 mm lens)	: Min. 1.5 x : Max. 7.3 x

NOTE: The Durst M 805 COLOR enlarger is also available as an exclusive black-and-white enlarger with condenser lighting system. See the special Durst M 805 brochure.



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Star products of the Durst accessories range

Durst NEONON lenses: High-quality 6-element enlarging lenses with illuminated aperture scale, click stops and stepless aperture adjustment.



DIGITIM S 3000 multifunction timer: Micro-computer-controlled universal monitoring and control unit for exposure times, processing programs and temperature.



Programmable DIGITIM S 1000 digital timer: Micro-computer-controlled exposure timer storing up to 8 exposure times with digital display.



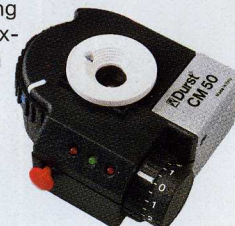
CM 300 colour meter with built-in exposure timer: Meter unit for colour balance and exposure times with built-in timer for easy exposure of all colour and black-and-white negatives and transparencies. It will also determine contrast of black-and-white negatives for paper grade determination.



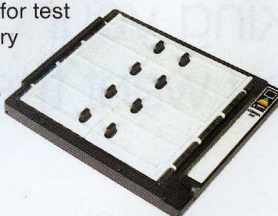
TIM 60 exposure timer: Highly reliable and precise electromechanical timer with continuously adjustable synchronous motor and luminous dial. Once the preset time has been given the exposure display returns to the original value.



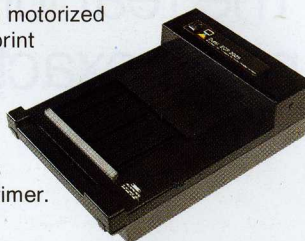
CM 50 colour analyzer: Compact colour analyzer for measuring colour balance and exposure by integration method.



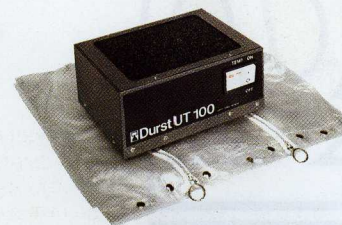
Universal COMASK 810 multi-masking frame: For all print sizes up to 20 x 25 cm (8 x 10 in.) and for test strips. Accessory contact printing frame available.



Motorized processor for simple Kodak Ektaflex processing: Semi-automatic processor for Kodak Ektaflex materials, with motorized film feed and print ejection. Automatically switched on and off via microswitches and a built-in timer.



UT 100 film drier: High-quality film drier with two-stage heating for rollfilms and for prints up to 20 x 25 cm (8 x 10 in.).



RCP 20 paper processor: Fully automatic roller processor for resin-coated black-and-white and colour prints up to 20 x 25 cm (8 x 10 in.).



COLOR LED UNIVERSAL darkroom lamp: Electronic steplessly adjustable LED light source with change-over switch for negative and transparency processing.



RCD 2500 drier: High-efficiency continuous drier with two-stage heating and stepless speed control for all resin-coated printing papers and Cibachrome material up to 32 cm (12.6 in.) wide.

