

# The Durst accessories range



## Durst NEONON lenses

Durst NEONON lenses (2.8/50, 5.6/80, 5.6/105) are top-of-the-line, high-quality enlarging lenses with six elements. Their optical performance is outstanding and they are easy to use thanks to illuminated lens aperture scale and continuous aperture adjustment.

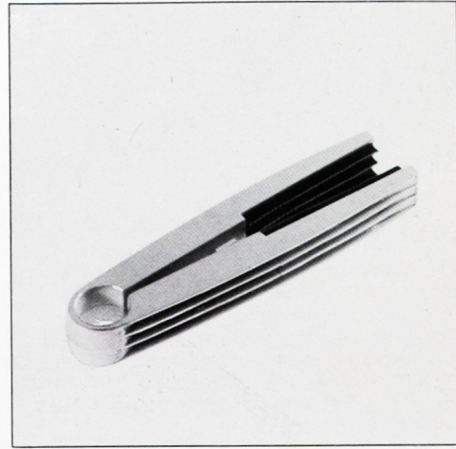
Order code: NEONON 50  
NEONON 80  
NEONON 105



## Durst forceps

Resist all processing chemicals with rubber tips to hold the print without scratching the emulsion layer. A protruding ridge prevents the forceps from slipping into the processing dish. Colour coded to avoid confusion.

Order code: FORCEPS



## Durst film wiper

Three soft rubber blades remove surplus liquid from both sides of the film without scratching the surface. This speeds up film drying and avoids drying marks and stains. You grip the film between the rubber blades and pull it through. A single wipe down is sufficient.

Order code: WIPER



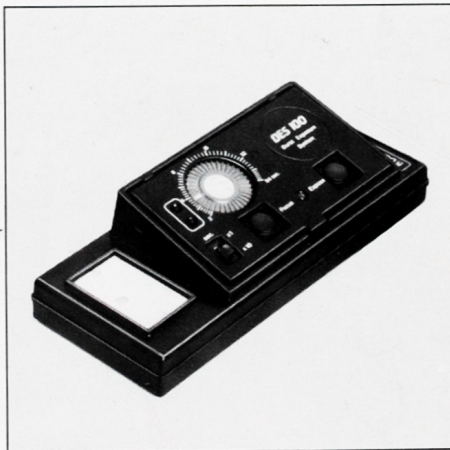
## Durst DES 100 TESTPRINT ANALYZER DES 100 POWER UNIT

The Durst DES 100 TESTPRINT ANALYZER is a new type of measuring instrument to determine and correct colour casts as well as faulty exposures of paper prints. It is suitable for printing both negatives and transparencies and it permits the determination of basic values even without being familiar with colour theory.

This unit is therefore well suited for the calibration of all kinds of analyzers being on the market.

The Durst DES 100 POWER UNIT is required as a voltage supply for DES 100 TESTPRINT ANALYZER, if DES 100 AT and/or DES 100 CA are not available.

Order code: DES 100 TPA  
DES 100 PU



## Durst DES 100 AUTOMATIC TIMER

The Durst DES 100 AUTOMATIC TIMER is a timing device featuring exposure time metering ensuring precise exposure values. All controls are built into the probe to make the unit easy to use.

The exposure time range goes from 2 seconds up to and beyond 10 minutes; to facilitate exposure time corrections there is a logarithmic exposure time scale. The unit is supplied with factory-calibrated electronic components so that the first test prints will be almost perfect. Blank calibration cards permit the recording of no matter how many calibration values. DES 100 AT can be used in conjunction with all kinds of enlargers running on 12 volts.

Order code: DES 100 AT



## Durst DES 100 COLOR ANALYZER

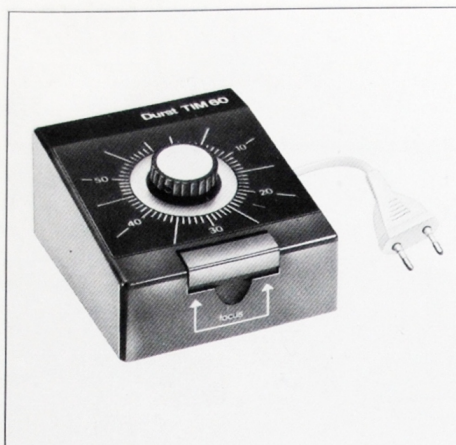
The Durst DES 100 COLOR ANALYZER is meant for measurements of colour negatives as well as for obtaining good colour prints without making test prints. The low correction with double measurement allows a far higher percentage of good prints at the first attempt even with negatives showing subject failures.

The integrated reading system avoids the difficult search of the measuring points. The balance is reached with the help of two LED's, the electronics is precalibrated. White calibration cards for taking note of your own calibration values are delivered together with the unit.

The DES 100 CA can be used with all colour enlargers. For the modification of the calibration the DES 100 TPA is recommended.

Order code: DES 100 CA





#### Durst TIM 60

The Durst TIM 60 is an electromechanical exposure timer with a continuously adjustable timing range from 1 to 60 sec. Times are set by a central knob with built-in count-up pointer which shows the lapsed time once the timer is triggered. Thanks to the luminous dial the scale is easy to see even in the dark.

A single key triggers the exposure and switches on the focusing light. With the key up you have the continuous focusing light, when the key is depressed it becomes the timer key.

Order code: TIM 60



#### Durst DIGITIM S 1000

The Durst DIGITIM S 1000 is a microcomputer-controlled exposure timer with 8 memories and digital display. The timing range extends from 0.1 to 999 seconds for long time exposures. You can enter up to 8 different exposure times in the memory of the unit and call them up or trigger them in sequence by pressing a key. For maximum accuracy the timing tolerance is 0.1%. After an exposure the time display automatically returns to the preset value. You can also stop the timing sequence at any point; the remaining time remains stored in the display. The large digital display with brightness control and the LED-lit start/stop key avoid operating errors even in the dark.

Order code: DIGITIM S 1000



#### Durst DIGITIM S 3000

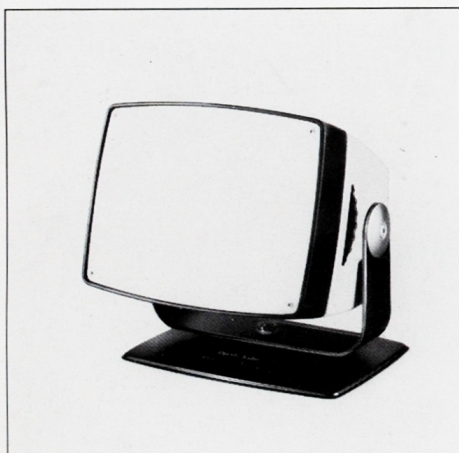
The Durst DIGITIM S 3000 is a microcomputer-controlled multifunctional timer. The main functions are exposure control with a total of 8 channels, exposure readings with calculation of mean values, and process control (altogether 16 channels) which can run parallel with exposure control.

Further functions include temperature measurement and control, exposure time corrections in 1/8 aperture steps and automatic exposure compensation with colour filter correction on Durst colour heads.

Thanks to the built-in buffer accumulator, all stored values are retained for many months even in the case of power failure or when the unit is switched off.

Order code: DIGITIM S 3000

Accessory: Digicontrol S 3000 (for measuring temperature)



#### The Durst SAFIL darkroom lamp

The SAFIL darkroom lamp contains a filter turret with five filters. These provide white, orange, bright red, olive-green and brown safelighting and thus ideal darkroom illumination for processing virtually all commercially available materials. The light source is a clear 40 watt lamp. (In Switzerland this darkroom lamp is approved for lamps up to 25 watts.) This safelight can be used for processing materials ranging from contact printing papers up to orthochromatic films; the brown safelight can even be used for colour materials.

Order code: SAFIL



#### The Durst SANAT darkroom lamp

The very narrow spectral emission band of this sodium vapour lamp at last provides bright safelighting in the darkroom even when processing colour papers. The light emission of the 15 watt sodium vapour lamp exactly matches the sensitisation gap of colour emulsions. Subject to a certain minimum distance from the paper, this avoids fogging of colour papers. The SANAT colour darkroom lamp can be used for direct as well as indirect lighting.

Order code: SANAT



#### The Durst TRICOLOR darkroom lamp

This Durst safelight is useful when processing colour and black-and-white papers in the home darkroom. With its 3-candela miniature bulb this highly compact and universal darkroom lamp yields bright illumination without risk of fogging papers. Three built-in filters (bright green, orange and brown) for colour and black-and-white materials are easily changed by simply repositioning the lamphead. The Durst TRICOLOR darkroom lamp may be placed either on the bench or suspended from the wall. The lamp unit itself rotates when wall mounted.

Order code: TRICOLOR





#### The Durst COLOR LED UNIVERSAL

The Durst COLOR LED UNIVERSAL is a versatile darkroom lamp with stepless brightness control and is switchable for handling colour reversal and colour positive papers. The lamp is mounted on a movable baseplate and can therefore serve both as a bench and as a wall lamp and for direct or indirect illumination of the work area. The light source consists of 20 LEDs.

Order code: COLOR LED UNIVERSAL



#### The Durst COLOR LED 50 - Durst UNILED

The Durst COLOR LED 50 is a darkroom safelight for processing colour negative printing materials. It uses 30 LEDs as the light source to produce remarkably high illumination for safe darkroom working. With its movable baseplate this safelight can serve both as a bench and as a wall light and for indirect as well as direct illumination. The Durst UNILED is a battery powered pocket darkroom lamp with switchable safe-lighting for negative colour printing papers and for reversal papers.

Order code: COLOR LED 50 - UNILED



#### Durst RCP 20

The Durst RCP 20 is a fully automatic continuous processor for resin-coated black-and-white and colour papers. It processes papers up to 20 x 25 cm (8 x 10 in.). With continuous feeding you can process up to twenty 20 x 25 cm prints per hour, or a correspondingly larger number of smaller prints.

The solution capacity of the RCP 20 is sufficient for processing about 25 prints (20 x 25 cm or 8 x 10 in.). The unit runs at a constant speed but with variable temperature for the developer and bleach-fix baths.

Order code: RCP 20



#### Durst CODRUM 304/205

The CODRUM 304 (for prints up to 30 x 40 cm or 12 x 16 in.) and CODRUM 205 (for prints up to 20 x 25 cm or 8 x 10 in.) daylight processing drums easily process every type of colour material. Processing in Durst processing drums has important advantages:

- (1) Daylight operation
- (2) No need for bulky processing dishes
- (3) Simple temperature control by prewarming the drum with water
- (4) Low solution volumes.

Order code: CODRUM 304  
CODRUM 205



#### The Durst COMOT agitator

The Durst COMOT is a motor base for paper processing drums. The uniform rotation and the accurately balanced inertia of the drum ensure precise and correct print processing and uniform solution action on the paper surface. The COMOT takes the Durst CODRUM 205 and 304 daylight processing drums and numerous other print processing drums on the market, for prints up to 40 x 50 cm or 16 x 20 in. The low-voltage motor is mains electric driven via a transformer and provides additional safety in the home darkroom.

Order code: COMOT



#### Durst tempering unit and Durst print washer

Durst COTERM is a hot-air, high-speed tempering unit for chemicals. It contains 10 measures of 100 ml each which can be heated up to 47 degrees centigrade. Durst PRIWASH is a print washer permitting flawless washing of all enlarging papers up to 30 x 40 cm. Suitable also for washing films. The adjustable outlet makes it possible to change the run-through speed at will. For all kinds of plastic-coated papers (RC and PE). The unit is supplied with hose and hose clamp.

Order code: COTERM  
PRIWASH





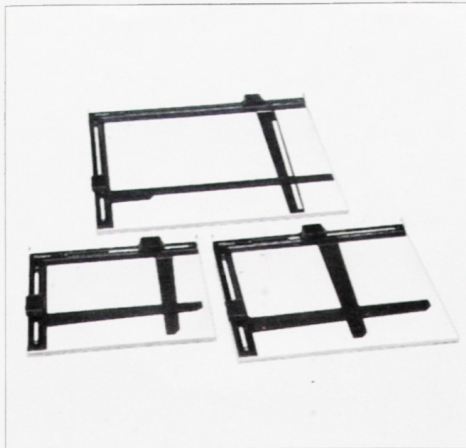
#### Durst COMASK 810

The Durst COMASK 810 is a multi-exposure masking frame for 20 x 25 cm or 8 x 10 in. prints. The Durst COMASK 810 can be used for full size prints or as a split frame for the following sizes:

One 20 x 25 cm (8 x 10 in.) print;  
two 12.5 x 20 cm (5 x 8 in.) prints;  
four 10 x 12.5 cm (4 x 5 in.) prints;  
eight 5 x 12.5 cm (2 x 5 in.) test strips.

When used as a multi-print masking frame the paper is kept safe from normal room lighting when in the closed position. A CONTAFRAME contact printing frame may be placed on top of the COMASK 810 for contact prints. 35 mm, 120 film and mounted 35 mm slides can be printed using the appropriate frames.

Order code: COMASK 810  
CONTAFRAME 35 - 66 - DIA



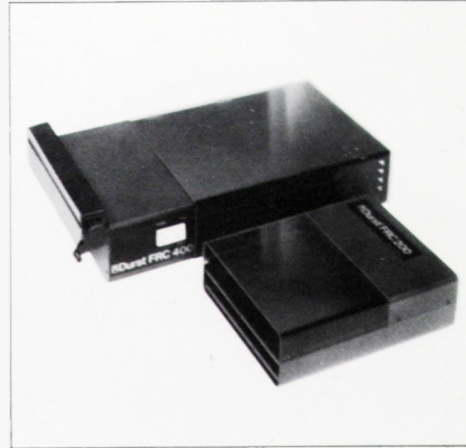
#### Durst masking frames

Durst masking frames are available for the three most popular print sizes of 20 x 25, 24 x 30 and 30 x 40 cm (8 x 10, 10 x 12 and 12 x 16 in.).

The rubber-clad supporting strips prevent the masking frame from sliding off or tipping over when pushed past the edge of the enlarger baseboard.

The precise masking strips running at 90° provide stepless adjustment up to the maximum size. The frame carries centimetre and inch scales. The paper stops are adjustable for margins from 5 mm to 15 mm.

Order code: COFRAM 205 (maximum paper size 24 x 30 cm or 10 x 12 in.)  
COFRAM 243 (maximum paper size 24 x 30 cm or 10 x 12 in.)  
COFRAM 304 (maximum paper size 30 x 40 cm or 12 x 16 in.)



#### Durst FRC 200 / FRC 400 driers

Durst FRC 200 and FRC 400 are both hot-air driers accepting all kinds of plastic-coated enlarging papers.

The drying process is being taken care of by a blower equipped with a protection against overheating. The Durst FRC 400 model features also a crank-operated squeegee.

The units' precise air circulation system ensures short drying times and spot-free prints.

	FRC 200	FRC 400
Heating performance:	55°C	32 or 90°C
Print sizes:	Four 20 x 25 cm prints	Three 30 x 40 cm prints

Order code: FRC 200  
FRC 400



#### Durst RCD 2200 / RCD 3200

The Durst RCD 2200 and RCD 3200 are compact high-performance continuous driers for all commercially available photographic papers (resin coated) and Ilford Cibachrome papers as well as Kodak Ektaflex and Agfachrome Speed materials. The tangential blower with two-stage heating and continuously adjustable running speed ensures perfect drying. The prints to be dried run gently over foam rubber rollers through drying area. The units are thus equally suitable for drying film based prints which are particularly sensitive to surface damage.

Feed width 22 cm or 32 cm (8.7 or 12.6 in.).

Order code: RCD 2200  
RCD 3200

Accessory: Feet for RCD (RCD Stand)

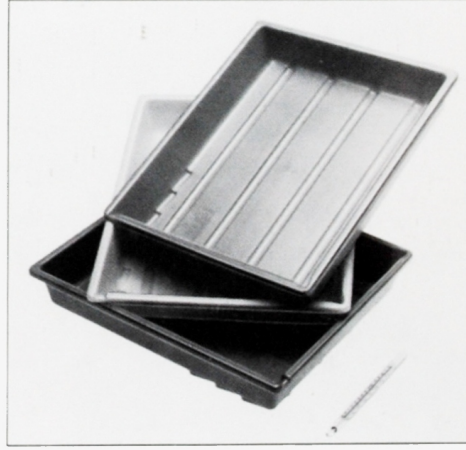


#### Durst TRIMBO

Durst TRIMBO is a cutter equipped with safety cutting head and exchangeable blade for paper up to 24 x 30 cm. The unit features a transparent pressure ruler with margin indicator and a right-angled guide with scale.

Spare blades are available separately.

Order code: TRIMBO



#### Durst developing dishes

Acid-resistant darkroom dishes or trays in high-quality plastic. The drawn grooves in the base ensure optimum solution flow and rigidity. Recesses are provided for holding the thermometer.

Available in sets of 18 x 24, 20 x 30 and 30 x 40 cm (7 x 9 1/2, 8 x 12 and 12 x 16 in.).

Order code: DISH 184, DISH 243,  
DISH 304

#### Durst photographic thermometer

Easily readable scale up to 50°C. The scale reading responds rapidly to temperature change of the solutions of water.

Order code: THERMET (Alcohol thermometer)  
COLMET (Mercury thermometer)





#### Durst COLORTRAINER

Durst COLORTRAINER is a comprehensive training system for becoming familiar, easily, with colour enlarging techniques. At the core of the system there is a colour chart on which are shown all primary and complementary colours in various density steps.

The dry-run section trains the eye to better identify different colours. The practical section is made up by a step-by-step introduction into darkroom work and teaches the making of test negatives or test transparencies and leads, automatically, to the determination of basic values for colour enlargements.

An ideal system for all photographers having not yet mastered all aspects of colour printing.

Order code: COLORTRAINER



#### The Durst DUSCOP focusing magnifier

Serves to check image sharpness reliably when enlarging. Dual lens system with 4 x magnification yields a distortion-free image and covers a large angle of view.

Order code: DUSCOP



#### Durst UNIDISC

With the Durst UNIDISC disc film adapter you can make enlargements from disc films in any Durst enlarger equipped with a diffused lighting system and SIRIOPLA lens board fitting for lenses.

The film disc is inserted in the adapter's own negative carrier. To change negatives, simply rotate the film disc; there is no need to remove it from the negative carrier of the UNIDISC.

The Durst disc adapter is mounted in place of the lens board. Preferably use a short focus lens (for instance 28 mm) to obtain sufficiently big enlargements from the tiny disc negatives.

Order code: UNIDISC



#### Durst negative file

The negative album with ring binder for 35 mm and 6 x 6 cm negatives is an ideal system for meticulous negative filing. Loose-leaf filing sheets in plastic with numbered film openings are available in sets of 20 sheets. High-quality contact prints can be made with the negatives held in the file sheets.

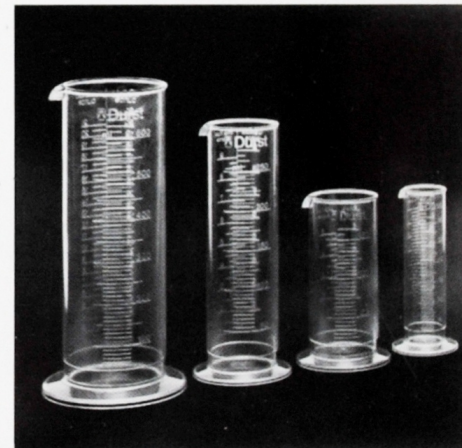
Order code: ALBUM 35, ALBUM 66



#### Durst film processing system

A complete range of developing tanks and spiral reels for 35 mm, No. 110 and No. 120 films provides numerous combinations to meet individual requirements. The spirals are easily loaded, without jamming, either wet or dry. Each 35 mm film only requires 250 ml of processing solution.

Order code: SPIRAL 35/110/120  
TANK 35/110/120  
LOADER 35/110/120  
MULTITANK  
SET 35 (contains: TANK 35,  
SPIRAL 35, LOADER 35)  
KIT 35 (contains: TANK 35,  
SPIRAL 35, LOADER 35,  
FUNNEL, film wiper, film clips)



#### Durst measures

Durst measures of 60 ml, 150 ml, 250 ml and 600 ml are made in fully transparent plastic. Thanks to their exceptionally large bases and non-drip pouring they ensure clean handling in the home darkroom. In addition to the metric scale each measure also carries a scale in Imperial and in American fluid ounces.

Order code: MENSUR 60/150/250/600





#### Durst COLTIM

The Durst COLTIM is a useful device for programming colour processing sequences. With this reliable timer you pre-program the timing of all the steps of any colour process for film or paper. An important feature is that you can keep the intervals between the individual processing steps as long as you need, for each subsequent step is triggered by once more pressing the operating key. The total running time of this clockwork timer is 30 minutes.

Order code: COLTIM



#### Durst DIPROTIM process timer

Durst DIPROTIM is a digital process timer for monitoring both film and paper processing.

One may program up to 6 programs with a maximum of 9 timing steps. Precise timing is ensured by a microprocessor. The programs are run down either by manual or automatic control. All programs remain stored even if the battery is replaced. Two different acoustical signals inform about the end of the single timing steps.

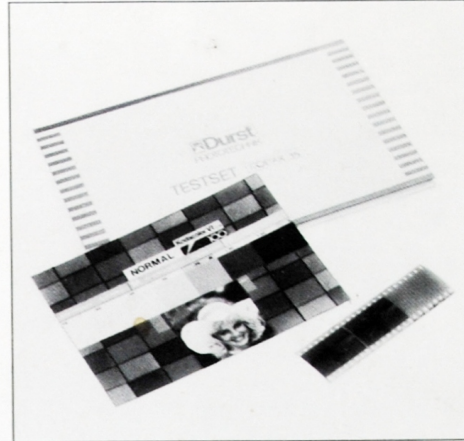
Technical data:

Timing range: from 1 second up to 99 minutes, 50 sec.

LCD display: time, process type and timing step

Battery: LR03 (1.5 volts).

Order code: DIPROTIM



#### Durst TESTSET 35

Use of unbalanced calibration negatives leads to incorrect basic analyser calibration for colour balance and density. Durst therefore provides an accessory package for establishing basic filter settings and paper speed. The package contains one 35 mm colour negative (there is a choice of four film brands, see order code) and an 8 x enlargement of the same negative for comparison with your own test enlargements. The use of the TESTSET 35 saves time in searching for suitable calibration negatives and assures correctly calibrated analysers and exposure meters.

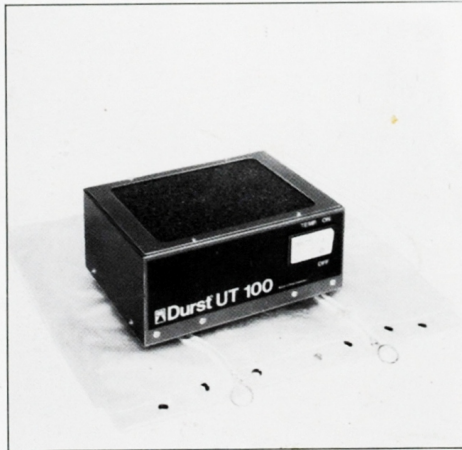
Order code: TESTSET KODAK 35  
AGFA 35  
SAKURA 35  
FUJI 35



#### Durst film clips

Securely hold the film. The weight of the clips stops the film from curling up.

Order code: CLIPS



#### Durst UT 100

#### Durst UT 100

This versatile, compact and lightweight drier handles films as well as resin-coated papers. It does so with interchangeable folding drying cabinets which quickly attach to the drying unit itself by press-button studs: A plastic suspension cabinet 26 x 20 x 170 cm (10.2 x 7.8 x 66.9 in.) for rollfilms and prints up to 18 x 24 cm or 8 x 10 in., and a 55 x 35 x 75 cm (21.6 x 13.8 x 29.5 in.) plastic suspension cabinet UTP 100 for sheet films and larger prints. The unit has two heating stages; with stage 1 drying takes about 10 min.

Order code: UT 100

Accessory: UTP 100 (55 x 35 x 75 cm or 21.7 x 13.8 x 29.5 in. cabinet for sheet films and for resincoated papers)



**Durst**

Durst Phototechnik GmbH  
P. O. Box 223 - 39042 Brixen/Italy

The latest technical advances are constantly being incorporated into Durst products. Illustrations and descriptions are therefore subject to modifications.