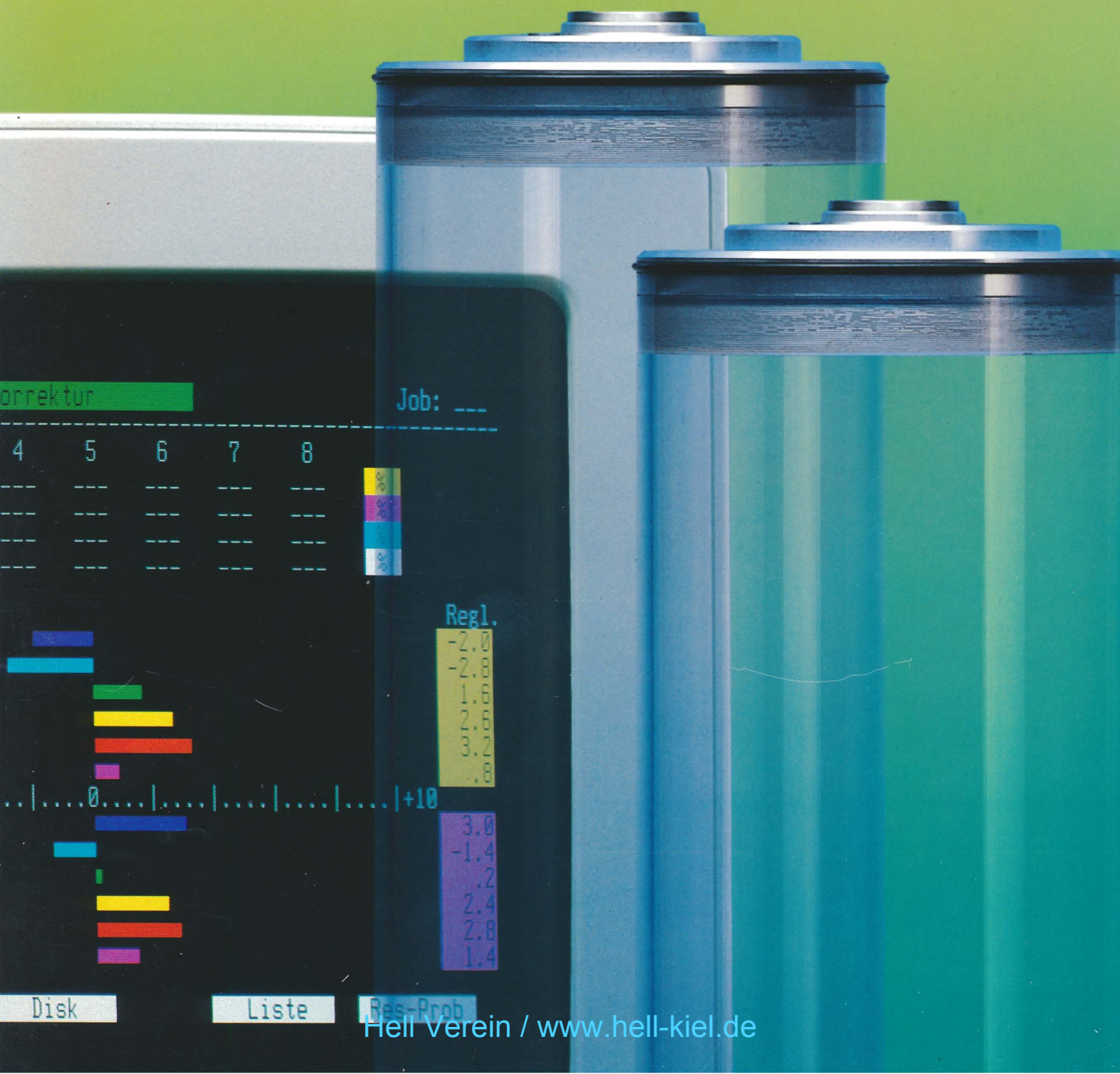




The New Digital Chromograph Scanners DC 380 and CP 345





Completely Digital — Synonymous with Repro Quality

"DC 380" and "CP 345" are the names of the new digital Chromagraph-Scanners from Hell. These two compact scanners enable small and medium-sized process shops to enter the world of digital reproduction. The new feature of the units: the digital color computer. You will keep pace with the "state-of-the-art" in the field of compact scanners with the DC 380 and the CP 345 — at a reasonable price.

The two new scanners are also the right solution for all those who intend to expand their existing units to a system. The new electronics allow a simple and cost-effective upgrade. The DC 380 and CP 345 differ only as regards their format. Both units are sophisticated Chromagraph scanners with outstanding features:

- High reliability
- digital color correction
- digital machine control
- electronic screening
- multi-color operation
- digital detail contrast setting
- storable color correction

And the options:

- Off-line job preparation with the LP 317
- extensive Combi-Mask page assembly
- Scanskop connection
- upgrade to the Chromacom system.

A wealth of advantages. Go and see for yourself.

Comfortable Operation

The keyboard, monitor and comfortable software ensure that the operator quickly achieves the desired result by means of the digital method of operation.

Operating displays guide him safely through the input routines.

Color Correction — Digitally

The color correction is set using only a small number of functional keys. Selective correction is displayed on the monitor by moving color bars. At the same time — and this is a feature peculiar to the digital scanners from Hell — the operator can see what effect the correction has on color samples determined and stored earlier. All correction data is stored and can be called up again at any time.

All other operating steps from setting/changing the gradation to fine data correction are also performed digitally.

The operator is guided safely through the program.

The Digital Scanners from Hell with the Comfortable VDT

Console Offer Major Advantages:

- Sensitive color setting, visualized through moving color bars on the monitor.
- High-speed work.
High-speed scanning of several originals by storage of the color correction.
- The operator can concentrate fully on the correction settings required for each original in order to then expose each image in turn.
- Digital electronic contrast enhancement.

Combi-Mask: Easier, More Reliable, Faster

The Digital Chromagraph Scanner also makes Combi-Mask work more attractive.

The layout data prepared on the Layout Programmer is taken over for the direct assembly work.

The color corrections performed earlier are already available at the scanner as a data record.

Duplo and Mono with Combi-Mask

The Combi-Mask page is then exposed image by image. Recording is not only possible in Quadro, but also in Duplo or Mono. This means that, even on a Chromagraph scanner with a small recording format, recurring A4 double pages or even A2 formats can be exposed as assembly work.

PIXON for the Digitals

PIXON performs the repro adaptation to different printing conditions and processes. The operator makes his color correction settings on the basis of the original. PIXON looks after the rest when the reproduction has to be adapted to the required printing process or the desired PCR variant.

DC 380 and CP 345 for Beginners and "Old Hands"

On the one hand, the new units are particularly attractive for "young" process shops that would like to work with the "right" scanner from the very start. On the other hand, these units are the right answer for process shops that want to switch over from analog to digital scanners, thus entering the world of digital technology.

Unit Types
DC 380

Maximum Original Format
51 cm x 66 cm

Recording Format
51 cm x 64.2 cm

Recording Speed
60-screen with 120 l/cm
8 sec/cm

Exposure Time
Four-color Set A5 Landscape, Quadro
2.8 min

Exposure Time over the Entire Recording Length
6.8 min

Scale Changes
20 % — 2000 %

Electrical Voltage
220/380 V
50/60 Hz
Other voltages via transformer

Maximum Dimensions
Width 2750 mm
Depth 1072 mm
Height 1337 mm

Weight
925 kg

Dimensions and weight refer to the basic unit.

Digital Chromagraph Scanner DC 380

The DC 380 is a digital all-round scanner. Its outstanding feature: the digitally stored color correction also permits Combi-Mask work to be performed in both Mono and Duplo modes. This allows the film format to be used to the full. The comfortable operation and well-arranged monitor guide the operator quickly and reliably through the program.

The digital technology ensures high repro quality.

The new floppy disk unit is used for off-line operation and for loading the operating programs.

The operator inputs all functions via the operating keyboard.



Digital color correction, standard fillings and considerably improved Combi-Mask functions — all outstanding features of the new digital high-performance scanners.

Unit Types
CP 345

Maximum Original Format
65 cm × 65 cm

Recording Format
110 cm × 74.5 cm
110 cm × 128.5 cm
(two unit versions)

Recording Speed
60-screen with 120 l/cm
9.2 sec/cm
15.8 sec/cm

Exposure Time
Four-color Set A5 Landscape, Quadro
3.2 min
Four-color Set A4 Portrait, Quadro
5.5 min

Exposure Time over the Entire Recording Length
16.8 min
29 min

Scale Changes
20 % — 3000 %
20 % — 4000 %

Electrical Voltage
220/380 V
50/60 Hz
Other voltages via transformer

Maximum Dimensions
Width 3970 mm
Depth 1150 mm
Height 1440 mm

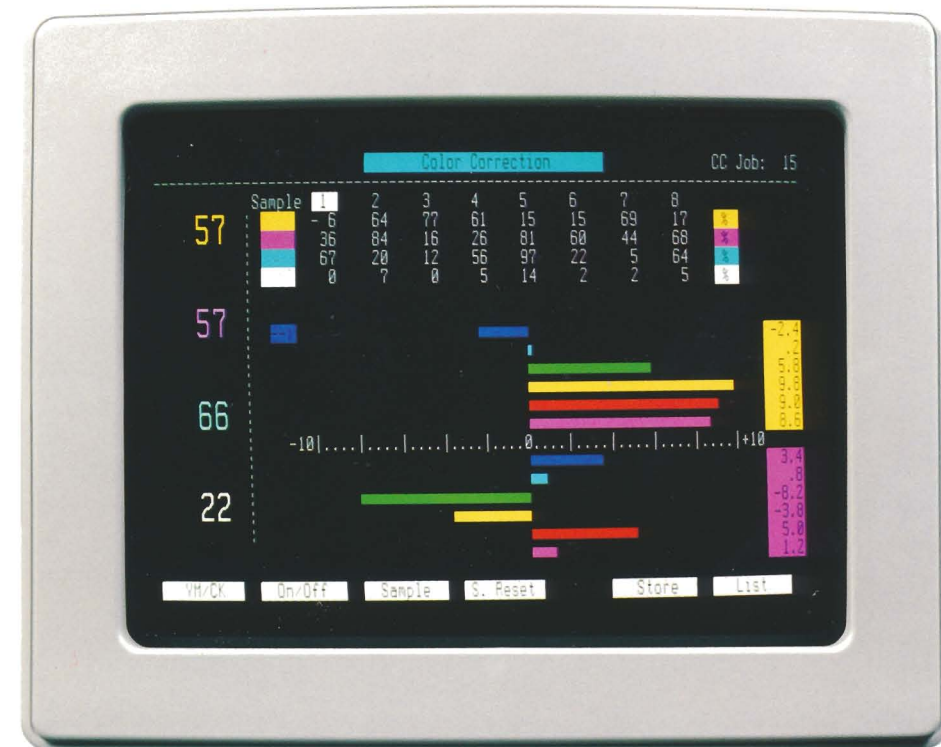
Weight
2000 kg

Dimensions and weight
refer to the basic unit.

Digital Chromagraph Scanner CP 345

This large-format scanner differs from the DC 380 by its larger original and recording formats. It is particularly well suited for formats of the DIN B series up to B1 format, or up to A0 format with the large recording drum. Further features: Supply cassette for two rolls of film material and, if required, darkroom operation. The advantages of digital technology are particularly relevant for this large-format, high-performance scanner. The comfortable VDT console ensures fast and reliable results in top repro quality.

Screen displays on the monitor
guide the operator
safely through the input routines.



HELL

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		DC 380	CP 345
Exposure types	Electronic screening	●	●
Recording types	Reflection/transparency scanning	●	●
	Duplo, double duplo, quadro and repeats	●	●
Software control	Digital color correction with job storage	●	●
	Gradation memory up to 40 gradations	●	●
	Screen programs	●	●
	Screen resolutions up to 80-screen	●	●
	Direct assembly	●	●
	LP 317 connection	●	●
	Generate tonal areas	●	●
	Test programs	●	●
PIXON	PCR	●	●
	PCT/Option	●	●
Film material	Line	●	●
	Lith	●	●
	Sheet	●	●
	Roll	●	●
Film output	Positive/negative	●	●
	Right-reading, Laterally reversed	●	●
System compatibility	Existing	●	●

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This publication is for general guidance. The features, functions and appearance of the product may differ from details given here due to advances in technology. Details of technical and other characteristics of the product must therefore be taken solely from the agreements made on conclusion of the contract.

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