

# *flextight X1*

## *flextight X5*

Scanning, whether from transparencies, negatives or reflectives was once an occupation on its own. Nowadays more and more photographers are finding the need to include this activity in their workflow. There are many reasons why a high-end scanner can be seen as an integral part of a photographer's equipment today.



Having a device that has the quality to reproduce all the subtle details embedded in your negatives and transparencies and which gives you full control over the crucial interpretation of your work is what makes a Hasselblad scanner attractive. Your valuable originals are never out of your custody and you are the one who decides when to do what and how. You are the one in control!

Flextight scanners are all built to the same formula. A vertical optical system allows the CCD to face downwards creating a glass-free optical path between the original and the lens. The patented virtual drum solution produces optimal focusing across the whole of the original and the flexible holder guarantees easy mounting combined with a safe and cautious handling of your originals.

The components in Flextight scanners are very much the same making the quality between the devices comparable. Differences between the models are more a matter of features and capabilities, the most important factor probably being productivity!

Regarding productivity, the top model allows different feeding devices to be attached; the Batch Feeder for mixed originals and the Slide Feeder for scanning of mounted slides. Using these devices and the 3F workflow can produce a throughput that has to be seen to be believed.

## *flextight X1*

The Flextight X1 model should serve most photographers' needs. Quality is unsurpassed, it is fast and it can take care of most kinds of originals. And, as with any other scanner in this family, it is easy to use.

### Up to 6300 dpi

6300 dpi is more than you need in most cases and even though you can find scanners with higher optical resolution you will not find better clarity and detail rendition when scanning photographic film. This is due to the electronic handling of the sensor, the mechanical precision as well as the quality of filters and the resolving power of the Rodenstock lens.

### Up to 60 MB per minute

The Flextight X1 is an unusually efficient scanner that will carry out most tasks quickly and easily. The easy to mount FlexHolder system produces a very high throughput. As the electronics run at a low frequency, no Peltier cooling device is needed.

### Batch scanning capabilities

With the FlexHolder system you either mount several originals in one holder or a film strip of 4 or 6 images. In that way you can utilize the advanced batch scanning capabilities scanning up to 6 images in one go. Alternatively, you can utilize the unique 3F scanning feature.

### The 3F file and workflow

If you mount a film strip and press the 3F auto scan button the scanner will automatically detect and crop each image and save it with different names. The images are scanned in a specified resolution at 16 bit per color. In this way the full range of the original is extracted from the scan. The 3F file is never altered but will act as a »preview scan« when you open it later and you can re-do all operations and change whatever parameter you like. This is exactly like re-scanning but without the film original present.

### New Feature



#### The New 3F Auto Scan button

With the new Flextight scanners it is possible to obtain the finest quality scan with one click of a button – literally! As a new feature we have placed a button on the scanner itself and just by pressing that one button you can create all the quality you need. So now we can really say that scanning has never been easier!

## *flextight X5*

The Flextight X5 is the top model in the Flextight scanner series providing the best of all worlds. Ease of use, incomparable quality, unique, batch-scanning facilities all packed in a classical and characteristic design.

### Up to 8000 dpi

The very high quality Kodak CCD is an 8000+ pix sensor. Even though you can find scanners with larger sensors you will not find better clarity and detail rendition when scanning photographic film. That is due to the electronic handling of the sensor, the mechanical precision as well as the quality of filters and the resolving power of the Rodenstock lens.

### Up to 300 MB per minute

Running the electronics at this speed demands a great deal from the internal design and is also a challenge in terms of heat generation. Therefore the Flextight X5 scanners are equipped with a Peltier cooling device on the CCD itself. In this way heat is controlled which avoids compromising the quality of the scans.

### Dust removal features

The scanner is equipped with a light condenser eliminating the effect of small dust particles, which are normally invisible unless you zoom 100% into your image. They can be the most annoying and time-consuming part of scanning but they are removed without losing speed or quality. Additionally, you can add the FlexTouch dust removal feature which will remove dust and small scratches without having any impact on the sharpness at all.

### Batch and Slide Feeder capabilities

By attaching the Batch- or Slide Feeder it is now possible to set up an automatic scanning workflow. The Batch Feeder allows up to 60 originals to be scanned, unattended. The Batch Feeder can take most kinds of transparencies and they are automatically recognized and scanned according to pre-defined specifications. The Feeder holds up to 50 slides, which can be scanned in one batch. The files produced can either be final TIFF files cropped and corrected or saved as raw 3F files, which can be opened and corrected just if they were initial scans.

### The 3F file and workflow

When selecting the 3F file format as automatic scan mode the images are scanned in a specified resolution at 16 bits per color. In this way the full range of the original is extracted from the scan. The 3F file is never altered but will act as a »preview scan« when you open it later and you can re-do all operations and change whatever parameter you like. This is exactly like re-scanning but without the film original present. Furthermore – every time you save a file from the 3F format the history of your decisions is embedded inside the 3F file, which will enable you to repeat whatever you have been doing whenever you like.

# SCANNERS

SPECIFICATIONS	FLEXTIGHT X1	FLEXTIGHT X5
Optical sensor	CCD (3x8000)	CCD (3x8000)
Sensor dimensions	36.7 x 49.0 mm	36.7 x 49.0 mm
Max optical resolution		
35 mm	6300 dpi	8000 dpi
60 mm	3200 dpi	3200 dpi
4" x 5"	2040 dpi	2040 dpi
Original type	Neg/Pos	Neg/Pos/Prints
Color depth	16 bit	16 bit
Max scan speed 16(8) bit MB/min	60 (30)	300 (150)
Auto frame detection	Yes	Yes
Auto focus	Yes	Yes
Batch scanning	Yes	Yes
Batch- and Slide Feeder Compatibility	No	Yes
Interface	Firewire	Firewire
Platform	PC / Mac	PC / Mac
Dmax	4,6	4,9
Format		
Film	100x245 mm	100x245 mm
Reflection	No	A4
Active cooling	No	Yes
FlexTouch	Yes	Yes
3F scan initiated directly on scanner	Yes	Yes
Light condensator	No	Yes
Dimensions	230x390x650 mm	230x390x650 mm
Weight	20,5 kg	20,5 kg