

SCANNIX - 01

Not an additional operation but a true improvement

In the radiographic industry, Films storage and post processing have always been neglected. Both these aspects are however very important matters to take into account in the overall costs and efficiency of the Radiographic process.

Not only because it is environment friendly but also because it is an inexpensive operation to perform, High definition scanning of your films is the key solution to improve your service quality and extend your inspection capabilities.



Select your appropriate method

Scanning can be made directly after processing, or you can also scan your already archived films to store them for future use. Scanned files can then be reviewed, post processed, transferred, commonly shared between users, stored and backed up according to your most stringent existing procedures like ordinary computer files.

Increase and ease your access to information

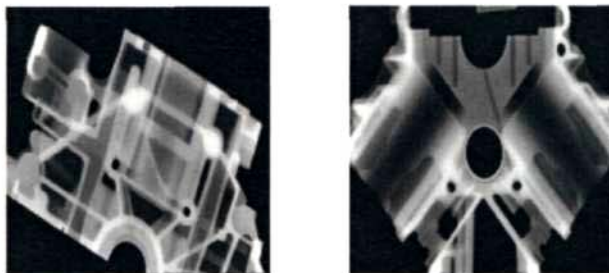
With the scanned film you can also modify contrast, lighting and access areas that were out of reach without the imaging tools available today. Scanning will however not retrieve lost in time information of your films, but can help enhancing details that your eye can't see anymore if you use the right scanning definition.

We offer you the best features

Manufactured by a major name of the Scanning Industry, this equipment is capable of scanning different format of films (up to 25 different sizes), double or single coated in a very high speed and definition. The unique High definition CCD detector (HD-CCD array) is able to reach a definition of 45 μm at its peak which can probably be furthermore extended with your imaging software. With true 32 bits data processing, you can reach the widest range of Grey scales of its category. Reliability and repeatability are also taken great care of thanks to the Automatic Calibration system built in the unit which ensures that every film will get a constant treatment and will show equal image quality and definition. The film path is simplified to the most and the lighting bulbs are having a shelf life of more than 100.000 scans and motor lifetime of more than 50.000 hours which greatly reduces exploitation and maintenance costs.

Optical density of up to 4,7 and as low as 0,5 can be read by the scanner which is a USB 2.0 connected device acting like a printer for the major computer Operating systems i.e. XP, W2000, ...





Definition table

Nominal Resolution	Pixels (35 x 43 cm)	Spot Size (μm)	DPI	MTF (LP/mm)	Speed (s)
2000 x 2500	2000 x 2431	170	150	3	12
4000 x 5000	3990 x 4845	85	300	6	24
	4104 x 5472	44	570	11	20

Specifications

Mechanical			
Size	mm	With feeder & exit tray	483 x 584 x 743
	Inch		19" x 23" x 29.25
	mm	Without feeder & exit tray	483 x 362 x 419
	Inch		19" x 14.25" x 16.5"
Weight	kg	18	

Electrical			
Mains	V	85-264	
Frequency	Hz	47-63	
Power	W	100	
Motor typical lifetime	h	> 50.000	

Misc.		
Film width	mm	200 to 350
Max film length	mm	200 x 1295
Scan rate	lines/s	200
Film feeder		25 films max
Optical densities		0,5 to 4,7 range
Bit depth		32 bits mapped to 12 or 8 bits

Misc.	
Detector	HD-CCD Solid State
Lighting	Instant warming up > 100.000 scans
Geometric accuracy	1% or 2 px
Drivers	Windows compliant
Interface connectors	USB 2.0
Processing software	Optional

Producer

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