![Balteau NDT X-Ray Solutions logo]

www.**balteau**.com

ISO 14096	Compatibility
ASME Section V	Conformance
UP TO 4,5	Optical density
UP TO 16 BIT	Bit depth
UP TO 51"	Film length

ACCESSORIES **SCANNIX +**

Bit depth:	**8 , 12 and 16 bit**
Film width:	**2.36" to 14"**
Film length:	**8" to 51"**
Auto film feeder:	**25 films capacity**
Software:	**Acquisition**
Geometric accuracy:	**Better than 1%**
Scan rate:	**92 lines / second**
Light source:	**Led illuminator**
Operating temp.:	**10 to 35°C**
Dimensions:	**48 x 58 x 83**
Weight:	**21 kg**
Mains:	**85 ~ 260 V**

MAIN FEATURES

- Exclusive **Multi-strip** Film Feeder
- Complete solution (Scanner, feeder & software)
- Acquisition dedicated software from the Inspection Suite
- Bit depth of 16 bits
- Resolution of 170 to 44 microns
- Scans films from 2.36" to 14" wide and 8" to 51" long
- Up to 25 films of various size in batch mode

Gain of space because of no physical storage...

Multi-strip Film feeder

KEY ADVANTAGES

- Automated calibration of the scanner
- Nearly maintenance free thanks to the auto-calibration
- Diconde format included
- Region of interest feature (ROI)
- Compatible with Balteau NDT Inspection Suite of software such as IPS012
- ASME Section V Conformance
- 25 film capacity with mixed up size batches
- Fasten the digitizing process up to 5 times
- No storage room with specific equipement to regulate temperature and humidity needed which reduces that cost zero
- Risk of loosing processed film is dramatically reduced with digitized versions
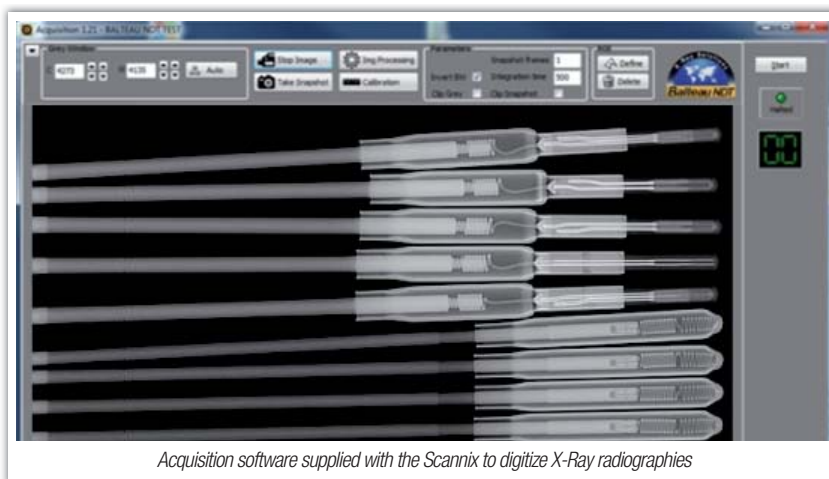- Transfer of radiographies by emails

Big brother of the Scannix, the Scannix + is an industrial X-Ray film digitizer specifically designed to offer the highest quality of images for the NDT market. 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. A computerized storage of the radiographies will also dramatically reduce the risk of loosing the archives of a job.

The scannix + is driven by our Acquisition software and is delivered with the scanner as a standard. As a digital image, a radiography can also be processed with our Image Processing Software IPS012 allowing details that were hidden to appear, thanks to different filters and the contrast settings but also a lot of different tools and add-on like SRb, SNR, etc. Acquisition can also be linked

Acquisition software supplied with the Scannix to digitize X-Ray radiographies

to IPS012 allowing an automatic transfer of the image to start processing the radiography. Scanning radiographies will also improve and fasten communications as digitized version can easily be send by email to a customer or an expert.

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.

All specifications are non contractual and are subject to change without prior notice

ACCESSORIES **SCANNIX +**

Specifications	Units	ACCESSORIES **SCANNIX +**
Optical density range:		**0,5 to 4,5** (based on ISO14096)
Bit depth:	Bit	**8, 12 and 16 bit grayscale output**
MTBF:	Hours	**> 50,000**
Film sizes:	Width	**2,36" to 14"**
	Length	**8" to 51"**
Auto film feeder:		**Standard 25 film capacity** (mixed size batches, no presorting necessary)
Translation table:		**Linear OD**
Geometric accuracy:		**Better than 1% or 2 pixels** (whichever is greater, in both axes)
Scan rate:		**92 lines / second**
Hardware interface:		**USB 2.0**
Software:		**Acquisition** (included) from the Inspection Suite
Operating temperature:	°C	**10 to 35** (20 to 85% relative humidity, non-condensing)
Light source:		**LED illuminator**
Detector:		**Next generation Solid-State High-Definition CCD**
Dimensions:	cm	**48 x 58 x 83** (without feeder and exit tray)
Mains:	V	**80 ~ 260**
Weight (without rings):	Kg	**21**

Nominal Resolution	Pixels (14" x 17" film)	Spot size (µm)	DPI	Line pairs / mm	Scan speed
2K x 5K*	2100 x 2550	170	150	3	27,8 seconds
4K x 5K	4200 x 5100	85	300	6	55,6 seconds
8K x 10K	7980 x 9690	44	570	11	105,6 seconds

* ACR standard for teleradiology guidelines (Revision 35 1998) recommends 2,5 line pairs/mm minimum
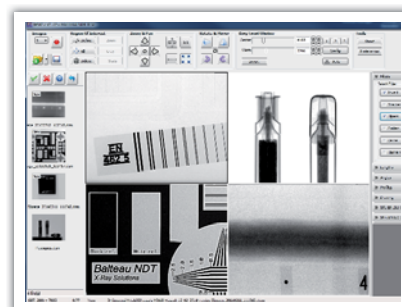

MULTI-STRIP FILM FEEDER

- 5 slots x 6cm x 48cm or 3 slots x 10cm x 48cm
- 1,8 kg
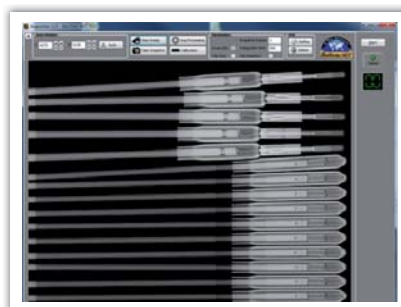
ACQUISITION SOFTWARE

- Included in standard package
- Grey window
- ROI (region of interest)

IPS012 (Image Processing Software)

- Sold separately
- Linked to Acquisition for easy transfer
- Lots of features and add-ons

Produced by:

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