IDMi

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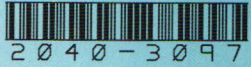
Hardware Spotlight:
MACH7380 Reference Archive Scanner

Make: Crowley
Model: MACH7380
Function: Microfilm Scanner

The MACH7380

In December (2015) The Crowley Company, announced the release of the MACH7380 Reference Archive Scanner. This is a new generation microfilm scanner designed to suceed the now discontinued Kodak i7300. The MACH7380 allows operators to quickly insert a 16mm microfilm cassette, enter a single or series of blip reference numbers and – within seconds – have a record or file appear digitally for viewing on-screen, with various options to save to file, network, cloud, to print, or a number of advanced output options. The phrase "reference archive" refers to the fact that images from microfilm are legally considered to be trustworthy copies of originals which may no longer exist.

As Matt McCabe, vice president of sales and marketing and who was instrumental in the product development explains, "This type of scanner is widely-used in financial, healthcare, insurance, academic and institutional industries and also by government entities. When an organization or corporation has archive files on microfilm that has 'blips' or reference numbers and requires access, (to old insurance claims, pension statements or deeds for instance,) the MACH7380 provides a bridge between the analog and the digital. For many of these organisations, it does not make financial sense for an entire back file conversion of their complete microfilm library to take place. The MACH7380 gives users an affordable option for quick microfilm access to images and files which can then be saved and shared

in today's digital formats." Chris Crowley adds, "The MACH7380 is a bridge between a high-volume, production microfilm scanner and a low volume or walk-up scanner that does not allow for automatic searching – an important feature when you may be seeking three images out of 2,400." He continues, "There are a thousand aging i7300 and other model reference scanners still in use, which speaks strongly for market demand. Unfortunately, the Windows XP platform on which many of these were built is no

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longer supported by Microsoft, and ongoing maintenance and repair is becoming costly. The MACH7380 has been engineered to continually adapt to future operating system versions. It is also designed with a touchscreen interface that mirrors the tablets and screens to which today's audience is used. The operation is simple, the finding aid is very responsive and the image quality and editing functions are excellent."

McCabe notes that pre-sales of the MACH7380 by resellers around the world has been strong, indicating that this is the right time for the next-generation scanner.

"One advantage of the advances in today's technology," says McCabe, "is that we've been able to keep the price of the new MACH7380 scanner in line with that of the original generation while offering much higher capability and platform adaptability for the future."

The MACH7380 software interface goes beyond other 16mm film scanning products, offering complete connectivity with various database systems via the database connector option, local and wide area network integration, batch scanning for large quantities of images and consistently fast and accurate digital image retrieval.

The MACH7380 software displays high-quality images (bitonal or full grayscale) for easy and productive viewing.

Key features include ....

Real time image control where Operators can adjust image contrast and brightness during scanning, saving time and avoiding costly rescans.

Review of images is easy, to see the content, or for indexing, quality control or just browsing. The MACH7380 scans and presents each document for a user-defined period of time. There is a useful "Batch scan" mode, which will scan, save and/or print documents within a specified image address range.

For film without image marks (blips) or with an unknown image address, digital scrolling mode enables operators to perform manual searches from a PC. While viewing images, scrolling controls allow operators to set speed, direction, and fast forward or reverse film movement.

The user can also zoom in on
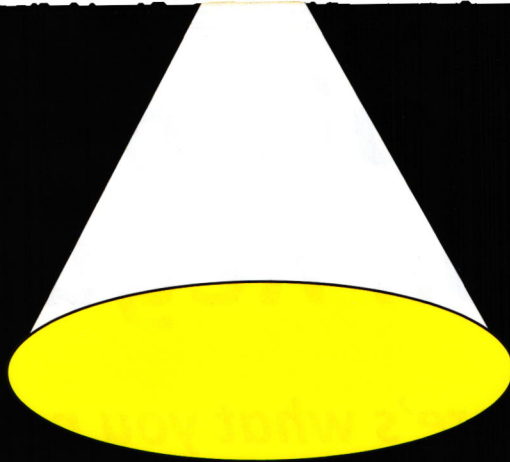
important details. With the click of a mouse, operators can utilise electronic zoom controls to focus in on any part of a document to make finding key information more efficient.

About Crowley

Regular readers will recognise The Crowley Company as a consistant advertiser in IDMi, and the company is known for being a world-leader in digital and analog film technologies, providing an extensive number of digital document and film conversion services to the academic, publishing, commercial, government and archive sectors. The company manufactures, distributes and services high-speed microfilm, microfiche, aperture card, book and document scanners, microfilm duplicators, film processors and micrographics equipment. Manufactured brands include Mekel Technology, Wicks and Wilson, HF Processors and Extek Microsystems. ■ **More:** **www.thecrowleycompany.com**

SPECIFICATIONS

Resolution Output: 100 - 600 dpi

Film Types: 16mm cartridge; 16mm ANSI C cartridge positive; negative; silver/vesicular/diazo; simplex/duplex; COM; portrait (cine); landscape (comic)

Spool Size: 30m/100'; 66m/215'

Bitonal file format: BMP; PNG; TIFF (G3 or G4, single or multi-page); GIF; PDF (single or multi-page)

Grayscale file format: JPEG; BMP; PNG; GIF; TIFF (single or multi-page); PDF (single or multi-page)

Camera: 10 megapixels (2748 x 3664 pixels)

Imaging: Auto white balance; auto cropping; auto framing; auto deskew

Rewind Speed: Less than 10 seconds for 30m/100' microfilm

Film Handling: Automatic film loading (C-clip included)

Integrated USB Output: Two built-in USB/flash drive ports (with backward compatibility)

Output Options: Scan to CD/DVD, file, network, USB, print, email, cloud, Google Docs and more

Interface: USB 3.0

Operating System: Windows 7 (64 bit); Windows 8; Windows 8.1

Dimensions
Height: 15.75 in. (400mm)
Depth: 15.75 in. (400mm)
Length: 19.69 in. (500mm)
Weight: Less than 22 lbs. (10kg)

The full specification sheet for the i7380 is available at: www.thecrowleycompany.com.
The basic scanner operation can be viewed in a short video clip on the Crowley Channel on YouTube at: www.youtube.com/watch?v=9lYhsuRc9mg.