

Important Time Saving Features Found On ALL ScanPro Models

Optical zoom magnification -The ScanPro microfilm scanners have the highest optical zoom magnification range of any microfilm scanner on the market, 7x to 54x or the optional 7x to 105x.

What to look for:

There are two methods of zooming, optical and digital. Optical zoom enlarges the document image **without sacrificing resolution**. Digital zoom (also called just “magnification”) enlarges the document image using software resulting in a **significant loss in resolution and image clarity**.

Why optical zoom magnification is important.

1. Optical zoom makes it possible to work seamlessly with many different film types and many different film image sizes, completing look-ups and doing research easily and quickly.
2. Optical zoom makes it possible to magnify and inspect small detail on the film without loss of resolution and image clarity.
3. The greater the optical zoom range the greater the versatility of the microfilm scanner.

Optical image rotation.-Film images can be landscape (the width is the larger dimension) or film images can be portrait (the height of the image is the larger dimension). Optical image rotation gives the microfilm scanner the ability to physically rotate the camera sensor to best match the width and height of the sensor to the width and height of the film image.

Why Optical Image rotation is important.

1. Matching the sensor dimensions to the film image dimensions optically provides the highest possible resolution for both portrait and landscape film images.
2. Image straightening can always be made without reducing the size of the image on the screen (reducing image size reduces image resolution).

FOCUS-Lock™ provides continual focus. FOCUS-Lock is a time saving, exclusive feature found only on ScanPro microfilm scanners (ScanPro 1100, ScanPro 2000, ScanPro 3000 and the latest ScanPro model, the ScanPro i9300). The FOCUS-Lock feature provides continual image focus both during changes in optical zoom and at the completion of optical zoom without requiring any operator intervention.

Why continual focus is important.

1. The FOCUS-Lock feature enables the ScanPro to be constantly ready making research faster, easier, and more efficiently.
2. Scanners without the continual focus capability of the FOCUS-Lock feature go completely out of focus during optical zoom. This makes it impossible for the operator to know when they have reached the desired magnification and requires

performing multiple zoom and focus operations to achieve the desired magnification.