AccuScreen NDT Software
2021

NDT Software Version Comparison

Scan Control Module	AcuScreen Basic	Pro
Scanning radiographic films of any length, up to 14" wide, 570 dpi, and 16 bits	Yes	Yes
Single-or-multi-sheet feed (up to 25 film sheets)	Yes	Yes
Multi-strip Film Feeder (up to 5 strips, customizable to any slot width)	Yes	Yes
Previewing images	Yes	Yes
Automatic inversion, zooming and rotation after scanning	Yes	Yes
Auto-saving images in the database	Yes	Yes
Supporting DS mode	Yes	Yes
Image Archiver	**Basic**	**Pro**
Storing studies and images	Yes	Yes
Locking images in the database	Yes	Yes
Supporting a network database	Yes	Yes
Filtering studies by tags	Yes	Yes
Editing tags	Yes	Yes
Adding a standalone DICONDE viewer on export	Yes	Yes
Sending images over DICONDE network protocol	Yes	Yes
Applying changes to images in database: transformation, annotations, metric scale	Yes	Yes
Deleting studies and images	Yes	Yes
Report system: attaching files of any format to studies	No	Yes
Importing images from DICONDE	Yes	Yes
Exporting images to a TIFF folder	Yes	Yes
Exporting images to a JPEG/DICONDE folder	Yes	Yes
Exporting attachments	No	Yes
Burning discs	Yes	Yes
Importing orders from the DICONDE MWL server	Yes	Yes
Image Viewer	**Basic**	**Pro**
Importing from DICONDE, JPEG, TIFF, PNG, GIF, BMP	Yes	Yes
Importing from the DICONDE query/retrieve server	Yes	Yes
Exporting to DICONDE, JPEG, TIFF, PNG, GIF, BMP	Yes	Yes
JPEG 2000 support, lossy/lossless	Yes	Yes
Spliting screen into image windows (up to 5x5 layout)	Yes	Yes
Full-screen mode	Yes	Yes
One-click auto-fill of all image windows	Yes	Yes
Printing on a Windows/DICONDE printer (print preview supported)	No	Yes
Viewing DICONDE tags	Yes	Yes

NDT Software Version Comparison

Image Viewer (continued)	AcuScreen Basic	Pro
Supporting for non-Latin character sets and transliterations in DICONDE	Yes	Yes
Histogram-based B/C adjustments	No	Yes
B/C presets	No	Yes
Automatic B/C adjustments	Yes	Yes
Inverting images	Yes	Yes
Magnifier	Yes	Yes
Zooming/panning images	Yes	Yes
Flipping/rotating images	Yes	Yes
Measuring distances: line	Yes	Yes
Measuring distances: freehand curve	No	Yes
Measuring angles between lines	Yes	Yes
Measuring areas: rectangle	Yes	Yes
Measuring areas: ellipse	No	Yes
Measuring areas: freehand shape	No	Yes
Analyzing intensity statistics: max/min, mean, standard deviation	No	Yes
Units of measurement: mm vs. inches	Yes	Yes
Viewing intensity profiles and histograms	No	Yes
Adding arrows	Yes	Yes
Adding fixed and scalable markers	Yes	Yes
Recalibrating the metric scale	Yes	Yes
Cropping images	Yes	Yes
Stitching images	No	Yes
Applying filters: reduce noise, sharpen, enhance edges	No	Yes
Dual-energy filters: segmentation, subtraction	No	Yes
Modifying thumbnail order	Yes	Yes
Moving images between studies	Yes	Yes
Auto-measuring distances on intensity profile	No	Yes
Auto-recalibrating the metic scale on intensity profile	No	Yes
Image Server	**Basic**	**Pro**
Receiving images over DICONDE network protocol	No	Yes
Providing images over DICONDE Query/Retrieve protocol	No	Yes
Providing orders over DICONDE MWL protocol	No	Yes
Supporting for non-Latin character sets and transliterations in DICONDE	No	Yes
Sharing the database with other AcuScreenNDT Basic/Pro workstations	No	Yes