AcuScreenNDT Version Comparison

Features	Express	Basic	Pro
Scan Control Module			
Scanning radiographic films of any length, up to 14” wide, 570 dpi, and 16 bits	✔	✔	✔
Storing and displaying very long images as single entities	✔	✖	✖
Single-or-multi-sheet feed (up to 25 film sheets)	✔	✔	✔
Multi-strip Film Feeder (up to 5 strips, customizable to any slot width)	✔	✔	✔
Previewing images	✖	✔	✔
Automatic inversion, zooming and rotation after scanning	✖	✔	✔
Auto-saving images in the database	✔	✔	✔
Supporting DS mode	✔	✔	✔
Image Archiver			
Storing studies and images	✔	✔	✔
Locking images in the database	✔	✔	✔
Supporting a network database	✖	✔	✔
Filtering studies by tags	✔	✔	✔
Editing tags	✔	✔	✔
Adding a standalone DICONDE viewer on export	✖	✔	✔
Sending images over DICONDE network protocol	✔	✔	✔
Applying changes to images in database: transformation, annotations, metric scale	✖	✔	✔
Deleting studies and images	✔	✔	✔
Report system: attaching files of any format to studies	✖	✖	✔
Exporting images to a TIFF folder	✔	✔	✔
Exporting images to a JPEG/DICONDE folder	✖	✔	✔
Exporting attachments	✖	✖	✔
Exporting images to proprietary digitally-signed format	✔	✖	✖
Burning discs	✖	✔	✔
Importing orders from the DICONDE MWL server	✖	✔	✔
Image Viewer			
Importing from DICONDE, JPEG, TIFF, PNG, GIF, BMP	✖	✔	✔
Exporting to DICONDE, JPEG, TIFF, PNG, GIF, BMP	✖	✔	✔
JPEG 2000 support, lossy/lossless	✖	✔	✔
Spliting screen into image windows (up to 5x5 layout)	✖	✔	✔
One-click auto-fill of all image windows	✖	✔	✔
Printing on a Windows/DICONDE printer (print preview supported)	✖	✖	✔
Viewing DICONDE tags	✖	✔	✔
Supporting for non-Latin character sets and transliterations in DICONDE	✖	✔	✔
Histogram-based B/C adjustments	✖	✖	✔
B/C presets	✖	✖	✔
Automatic B/C adjustments	✔	✔	✔

Inverting images	✔	✔	✔
Magnifier	✔	✔	✔
Zooming/panning images	✔	✔	✔
Flipping/rotating images	✔	✔	✔
Measuring distances: line	✔	✔	✔
Measuring distances: freehand curve	✖	✖	✔
Measuring angles between lines	✖	✔	✔
Measuring areas: rectangle	✖	✔	✔
Measuring areas: freehand shape	✖	✖	✔
Analyzing intensity statistics: max/min, mean, standard deviation	✔*	✖	✔
Units of measurement: mm vs. inches	✔	✔	✔
Viewing intensity profiles and histograms	✔	✖	✔
Adding arrows	✖	✔	✔
Adding fixed and scalable markers	✖	✔	✔
Recalibrating the metric scale	✖	✔	✔
Cropping images	✖	✔	✔
Stitching images	✖	✖	✔
Applying filters: reduce noise, sharpen, enhance edges	✖	✖	✔
Modifying thumbnail order	✖	✔	✔
Moving images between studies	✖	✔	✔
Auto-measuring distances on intensity profile	✖	✖	✔
Auto-recalibrating the metic scale on intensity profile	✖	✖	✔
Image Server			
Receiving images over DICONDE network protocol	✖	✖	✔
Providing images over DICONDE Query/Retrieve protocol	✖	✖	✔
Providing orders over DICONDE MWL protocol	✖	✖	✔
Supporting for non-Latin character sets and transliterations in DICONDE	✖	✖	✔
Sharing the database with other AcuScreenNDT Basic/Pro workstations	✖	✖	✔

* Only mean and standard deviation