Canon CR-120 and CR-190 Testing

UniSoft Imaging ran thousands of checks through the current Canon Scanner CR-120 and CR-190 over many days of testing and found the following:

- Black and White Image quality was vastly improved over the past five years and the image quality was now on par with Digital Check.

- Scanner Feeding and document separation were better than other scanners in this class.

- Having third pockets on the CR-190 was very helpful for some check scanning tasks.

- CR-190 took significantly less user feeder adjustment than the Digital Check Corporation BX7200. It separated the documents better but would skew documents easier if proper document preparation was not completed.

- CR-190 took significantly less scanner maintenance to keep the scanner working than the BX7200. Digital Check recommends that the BX7200 be cleaned whenever the scanner starts jamming or issues with MICR of Image Quality occur.

- The CR-190 Magnetic MICR reading was vastly superior to the Digital Check BX7200 except when reading checks with MICR less than 30% intensity and on some checks using encoding tape to fix encoding errors. On all normal checks with MICR intensity from 40 to 200%, the CR-190 produced fewer MICR low confidence reads and fewer substitutions than the BX7200.

- Results were the same for the CR-120 except the double feed detection algorithm on the CX-120 would not allow use of any checks with encoding tape without disabling double feed detection on the CR-120. On the other hand, the CR-120 never missed a double feed while UniSoft Imaging was testing it.

- The only negative issue with the CR-190 was 4 pixels out of calibration. Canon claimed the scanner could be re-calibrated but the re-calibration needed to be done by one of their ten service centers. The CR-120 did not have this problem so we believe it is a localized problem with the CR-190 we used for testing.

As a results of this testing, UniSoft Imaging recommends the CR-120, CR-150, and CR-190.