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IASLab Calibration Builder

For Greater Accuracy of Color Measurements

Color measurement is critical in assessing print quality. The IASLab Calibration Builder Tool enables PIAS-II Image Analysis System users to generate their own ICC color profiles for the input image source. Doing so significantly improves the accuracy of color measurements.

For PIAS-II users who want to generate their own ICC color profiles for specific media/ink combinations, an optional Calibration Builder package with the required software and instructions is available from QEA. With the necessary experience and the proper tools, including a calibrated, traceable densitometer and calibrated, traceable spectrophotometer, the Calibration Builder will enable you perform recalibrations whenever your measurement targets change. If you need to generate profiles for multiple printers, inks, toners, or media, you can do so readily once you master the technique.

Generating your own ICC color profiles does involve a learning curve and expensive tools, specifically, the densitometer and spectrophotometer. The Calibration Builder instructions are given in detail.

Users who prefer not to generate their own ICC color profiles may commission QEA to perform calibrations using the customer's own reference targets. Though recalibrations by QEA do involve a fee each time, this approach offers another way to take advantage of an important tool.

To ensure compatibility with previously collected data and references, ICC profile users can also continue to use the factory default calibration.

Please contact QEA for more information.