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Color Meter for Paper Industry

PCE sets new standards in the Paper Industry with accurate color meters for paper quality control. As the main surface characteristics in paper production are whiteness grade (with and without optical whitening additives) and in case of colored papers the exact CIELab data. The color of the papers is also influenced by fillers as titanium dioxide. Colored papers with fillers inside show a different color measurement data. In any case, the color meters offered by PCE Instruments help the paper production lab persons to quick and accurate measure the color of finished paper products. Brightness and opacity are the two other main important surface characteristics of papers. The influence on appearance and useability are is very high. The surface brightness affects the contrast of the papers tones and the brilliance of printed images. The degree of show through is equal to the opacity of all printed paper on the reverse side. Papers with high opacity grade (100%) do not let shine light trough it. On the opposite site, a full transparency grade means the opacity is near zero (0 %).

