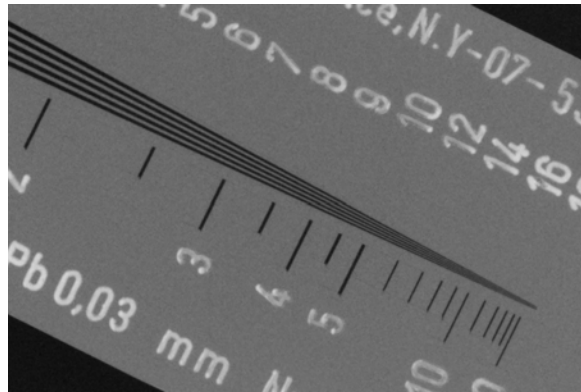


Talking About Resolution

The goal for any prospective user of digital radiography is to choose the product that gives the best possible diagnostic image quality. But until the purchase is made and the product is physically in the operatory and in use, how can image quality best be measured?

Many digital radiography manufacturers use resolution (defined by pixel size and line pair ratings) as bench mark to describe the quality of their image, claiming that the smaller pixel size and therefore higher line pair rating provides a higher quality diagnostic image than a product with larger pixels. This seems fair – more megapixels on our digital camera makes for better vacation photos, so surely the same applies to getting more diagnostic radiographs, right?



WRONG!

In its Professional Product Review Volume 1, Issue 1, the ADA stated that line pair values “can often be mistaken as an indication of the overall image quality you can expect to get with a system”, explaining that “the overall quality of a radiograph also will be defined by the amount of noise in the image and the contrast of darkness and light” (click [here](#) to receive a copy of the entire ADA Professional Product Review, Volume 1, Issue 1).



So what's the best way to determine which digital system is right for you? At Schick, we believe that to make the right choice, you need to experience a live in-office demonstration using your x-ray generators to allow you and the staff in your practice to assess the quality of the image and the ease of use. To help you better assess the live demonstrations, click [here](#) to download our free, Live-Demo Checklist and either click [here](#) or contact your local Patterson Representative to schedule live demonstration of Schick's CDR digital radiography system.