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BREAKING NEW GROUND

The Personal Densitometer™ SI represents a breakthrough in densitometric scanning and analysis. With its laser-based accuracy, sensitivity and resolution, it offers the highest performance of any densitometer. At the same time, the Personal Densitometer SI offers unprecedented flexibility and ease of use. The SI comes with scanning and analysis software for PC and Macintosh computers. That means you can enjoy all the performance advantages of laser-based densitometry on the computer you prefer.

- _ Linear range from 0 to 3.5 O.D.**
- _ Exceptional sensitivity for faint bands**
- _ High-efficiency light collection for accurate quantitation**
- _ High spatial resolution with 50 micron laser spot size**

WHEN ACCURACY IS CRITICAL, LASER-BASED PERFORMANCE IS ESSENTIAL

When accurate quantitative results are important, then you need a Personal Densitometer SI. That's because the Personal Densitometer SI is a laser-based transmission densitometer with superior scanning performance that gives you the linear range, sensitivity, laser power and resolution required for accurate quantitation.

GET MORE DATA FROM EVERY TYPE OF SAMPLE

Successful results often depend on a scanner's ability to collect linear data. The Personal Densitometer SI has a linear range of 0 to 3.5 O.D.—twice that of typical whitelight scanners. As a result, you can quantitate blots, films and membranes, as well as gels, with outstanding precision and accuracy.

QUANTITATE THE FAINTEST BANDS WITH THE HIGHEST SENSITIVITY

Sometimes the faintest bands are the ones of greatest interest to you. They're also the hardest to quantitate, because they require a high level of digital resolution. With 4096 levels of O.D. discrimination, the Personal Densitometer SI provides the essential optical precision necessary for accurate quantitation of faint bands.

INCREASE THE ACCURACY OF YOUR BLOT RESULTS

Since blotting membranes typically have background absorbances of 1.8 to 2.0 O.D., it's essential to have a scanner that can provide quantitative data above the background absorbance. Only a laser has the power to capture all the information in a blot.

RESOLVE EVEN THE CLOSEST BANDS

When bands are close together, spatial resolution is critical for accurate quantitative analysis. Because the Personal Densitometer SI provides 50 micron spatial resolution, it has the power to resolve even the closest bands and smallest spots.