

the Capella™ Imager

CHEMILUMINESCENCE IMAGER

The Capella Imager* provides a chemiluminescence imaging capability for research groups that expect to analyze fewer than 10 ArrayPlate assays per day. The compact imager will fit on the benchtop in most labs, and provides data similar to the high throughput Omix II™ Imager.

The instrument incorporates night vision technology which images multiple panels from a 96-well plate. A typical full plate scan takes approximately 15 to 20 minutes to complete; however, the instrument can be programmed to read smaller portions of the plate in order to save time, money, and reagents.

The Capella instrument is fully compatible with all of HTG's 96-well ArrayPlate formats. It is provided with user-friendly software that produces data files which are compatible with most bioinformatics software packages.

The Capella Imager comes with a Windows® computer pre-configured to run the instrument and provide storage for the scanned data.

Benefits:

- High quality data from a small, affordable instrument.
- High image resolution provides consistent, low noise data; each individual array element (spot) is imaged by ~75 pixels to provide smooth and reproducible results.
- Exports CSV format files which are compatible with a wide range of bioinformatics software.
- Software will automatically normalize data to user-specified genes.

*Quantitative gene expression
profiling on your benchtop*



Specifications: Dimensions: 14" w, 16" d, 16" h.



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#21NS08

*For research use only.

the Omix II™ Imager

CHEMILUMINESCENCE IMAGER

The Omix II Imager* provides the high throughput imaging solution needed in high volume ArrayPlate laboratories. The imager is built around a super-cooled CCD detection chip which provides the highest quality chemiluminescence data possible for the ArrayPlate Platform.

The imager is top-loading and is amenable to automation. Its fast scanning time (less than 2 minutes) ensures that imaging will not become a bottleneck in an automation-heavy work process.

The Omix II Imager improves upon the original Omix imager by incorporating improved optics that provide higher sensitivity and faster scanning. It also uses an improved cooling system which operates more quietly and requires less maintenance.

The raw data produced by the Omix II Imager is in 16-bit TIFF format. Software for extracting and analyzing the data is provided with the imager. Tabular data and archival images are available within minutes of the scan. The data is compatible with most bioinformatics software packages.

The Omix II imager comes with a Windows® computer optimized to run the instrument.

*Sensitive and high
throughput imaging
for the ArrayPlate*

