







# Imager 3001/C




-  New Fast MegaPixel digital camera.
-  New and enhanced data acquisition options
-  Coupled with a powerful computer for selectable on-line digital binning to extend effective well capacity
-  Compact 2U integrated chassis containing both the computer and a compact lab interface that has 4 BNC connections and a status display.

The **Imager 3001/C** is targeted at users who are primarily interested in intrinsic imaging. It is now also capable of fast-rate imaging of voltage sensitive dye signals, using signal averaging. It is based on our popular **Imager 3001/S** system, but the size has been reduced from 8U to 2U, and the connections options have been simplified.

## New Features

-  Fast MegaPixel digital camera.
-  Data acquisition and analysis software now runs under **Windows XP™**

## Extensive Software Support

-  **VDAQ** – episodic data acquisition, as master or as slave to a behavior control system. On-line feedback. The gold standard in brain imaging.
-  **LongDAQ** – hours of continuous recording - limited only by disk speed and space.
-  **WinMix** for rapid off-line analysis

## Camera Specifications

<b>Max. Resolution</b>	1004x1004
<b>Max Data Rate</b>	100 MBpS
<b>Well Depth 100x100@5fps</b>	>24M e-
<b>Well Depth 502x502@75fps</b>	75K e-
<b>Bit Depth</b>	10 bit
<b>Dynamic Range</b>	>60dB

## Frame Rates and Resolutions

<b>25 Hz</b>	1004x1004
<b>30 Hz</b>	1004x1004
<b>50 Hz</b>	1004x1004
<b>75 Hz</b>	502x502

*Turn-key brain imaging has never been so compact or so simple.*