







Imager 3001/S

Imager 3001/S Imaging System






-  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
-  Enhanced region-of-interest selection options

The **Imager 3001/S** 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.


New Features

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

Extensive Software Support

-  VDAQ - data acquisition & control
-  On-line feedback in VDAQ
-  LongDAQ - more than 5 hours of continuous recording - limited only by disk speed and space.
-  ADAQ - Multi channel high sample rate analog acquisition
-  WinMIX for rapid off-line analysis

Supported by OI Accessories

-  OI sells an extensive line of imaging accessories for use with the Imager 3001; see our *Accessories* brochure for further details

Camera Specifications

Max. Data Rate	100 MBpS
Well Depth 100x100@5fps	>24M e-
Well Depth 1004x1004@5fps	380K e-
Well Depth 502x502@75fps	75K e-
Bit Depth	10 bit
Max. Resolution	1004x1004
Dynamic Range	>60 dB

Frame Rates and Resolutions

25 Hz	1004x1004
30 Hz	1004x1004
50 Hz	1004x1004
75 Hz	502x502



Note: all specifications are subject to change without prior notice.