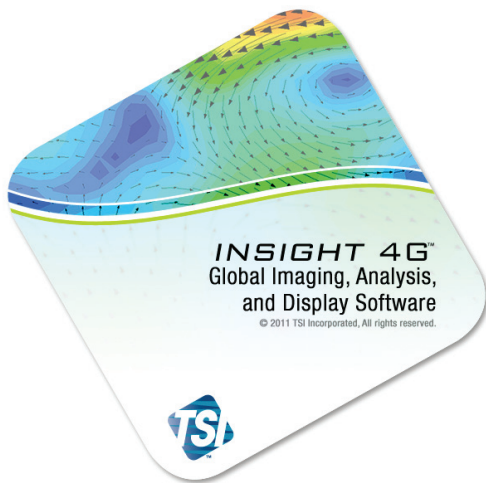


FLUID MECHANICS

INSIGHT 4G™



Highlights

- Windows® 7 and 64-bit OS Compatible, Up to 192 GB RAM
- Robust and easy to use
- Fast processing speed
 - Turbo Mode to increase processing speed
 - Distributed processing through Ethernet connection
- Batch Macro Processing across different experiments
- Traceability of all Processing Steps
- File management streamlined
- Full hardware control from the user interface
- Integrated TecPlot package for data manipulation and presentation
- MATLAB Dynamic Runtime for incorporation of MATLAB programs

The Complete, Powerful and Accurate Software package for Global Image Acquisition, Analysis, and Display for Fluid Mechanics Research

The Complete Package for:

- Particle Image Velocity (PIV)
- Stereo Particle image Velocimetry (Stereo PIV)
- Time-Resolved Particle Image Velocimetry (TR-PIV)
- Planar Laser Induced Fluorescence (PLIF)
- Global Sizing Velocimetry (GSV) and Spray Analysis
- Size and Shape Analysis (SSA)

Applications

- Hydrodynamic
- Aerodynamic
- Spray Diagnostic
- Turbulence Research
- Combustion Research
- Fundamental Research and Development



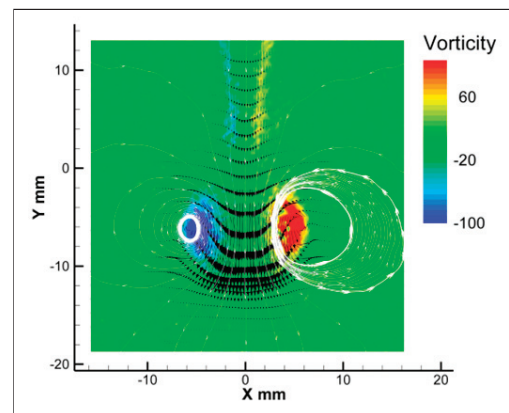
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Base Software	
INSIGHT 4G	This base software is needed for a new system
INSIGHT 4G-MOD	This base software is needed when additional modules are required. It is used for upgrading system capability for previously purchased system (with the INSIGHT 4G purchased)
INSIGHT 4G-UP	This base software is used for upgrade from old versions of INSIGHT 3G . Modules used with the old version of INSIGHT 3G remain compatible with INSIGHT 4G and need not be ordered again

Module	System							
	PIV	Micro PIV	TR-PIV	StereoPIV	TR-PIV Stereo	PLIF	SSA	GSV
Module4G-2DPIV	•	•	•	•	•			
Module4G-STRPIV				•	•			
Module4G-PLIF						•		
Module4G-SSA							•	
Module4G-GSV								•

Special Upgrade Package

A packaged system including the latest frame grabber (Model 900106) and the **INSIGHT 4G** software is available to allow you to take advantage of the latest system capabilities. Reference **INSIGHT 4G-FGUP**. Contact www.tsi.com/fluid for more details.



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