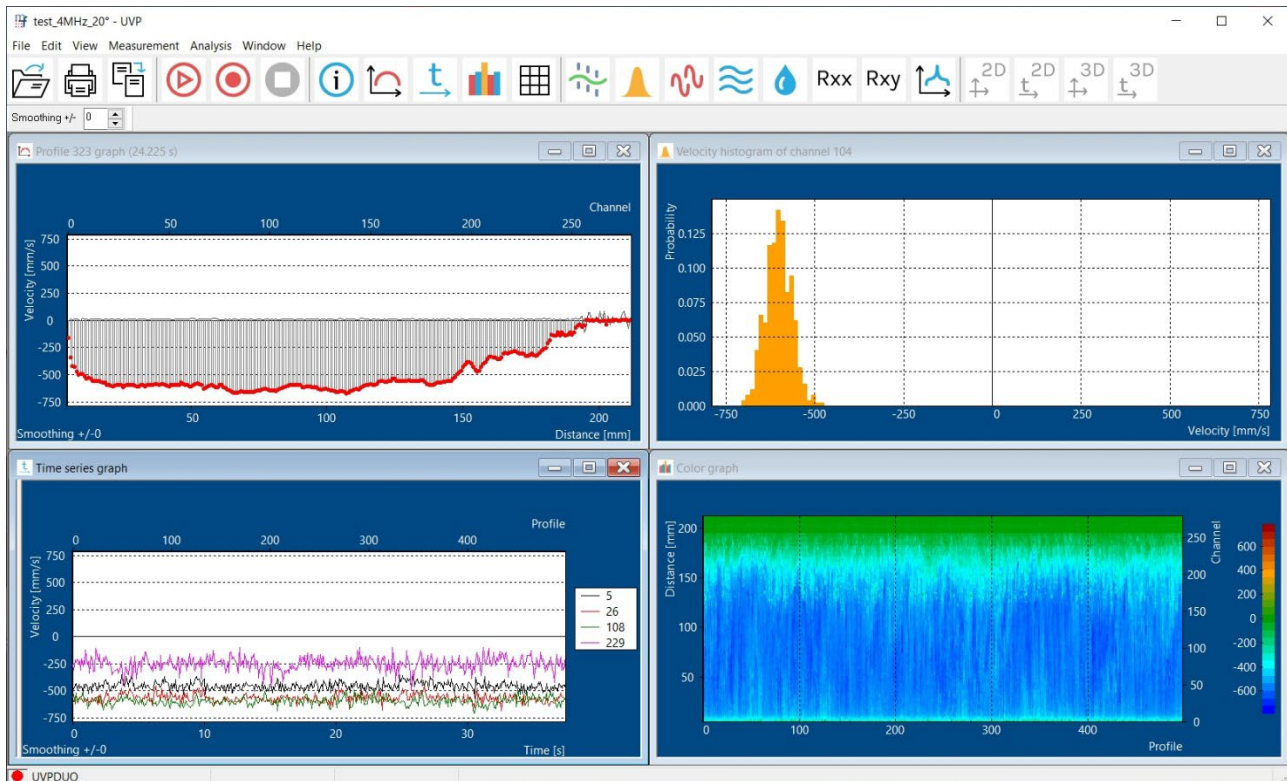


UVP Software



Velocity profile measurement of a channel flow with gravel bed

UVP-Flow™ software Version 4 features

- Remote control of UVP profilers through standard Ethernet/LAN
- Data acquisition and analysis in a single program, wide range of analysis tools
- NEW** • New Win32 user interface, well-structured and intuitive
- NEW** • Real-time 2D/3D flow mapping modules, on-line transducer grid editor
- NEW** • Real-time Color Graph
- NEW** • Fast multiplexer switching function
- NEW** • Advanced trigger function
- NEW** • Integrated UVP-DUO emulator
- NEW** • Data export to: Clipboard, MS Word®, Excel®, Tecplot®, MATLAB®, with new batch export function
- Compatible with any Microsoft Windows® operating system up to Windows 11/64bits

What's new in Version 4

New user interface

- New button design available in three sizes with standardized colors
- Enhanced measurement information display with standardized colors
- Loop and real-time options for some offline displays
- Automatic resizing of all open displays in tile mode
- Indexing of profile and channel optionally starting at 0 or 1

Real-time acquisition displays

- 2D Flow vector map now displayed real-time
- 2D Time series, showing time evolution of each orthogonal 2D velocity components
- New 3D Flow vector map, with on-line transducers grid editor
- 3D Time series, showing time evolution of each orthogonal 3D velocity components
- Color graph now displayed real-time

Advanced multiplexer module

- Fast multiplexer switching function available, to reduce transducer switching time depending on echo quality
- Advanced trigger function available, to create complex triggering sequence

Integrated hardware emulator

UVP-DUO can be emulated if the hardware is not connected or available, for example for test and training purposes.

Batch export function

Multiple UVP proprietary files (.mfprof) can be exported just with one mouse click, avoiding repeated export task of individual files.



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