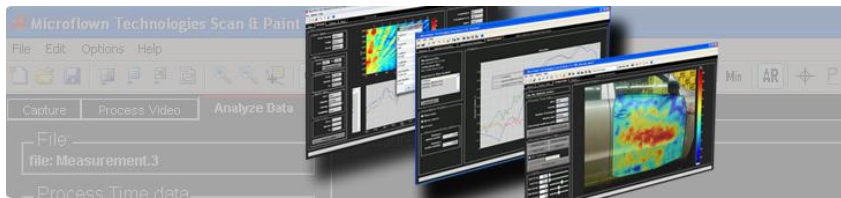


Software Release Note

New Features and Updates Acoustic Camera 1.2



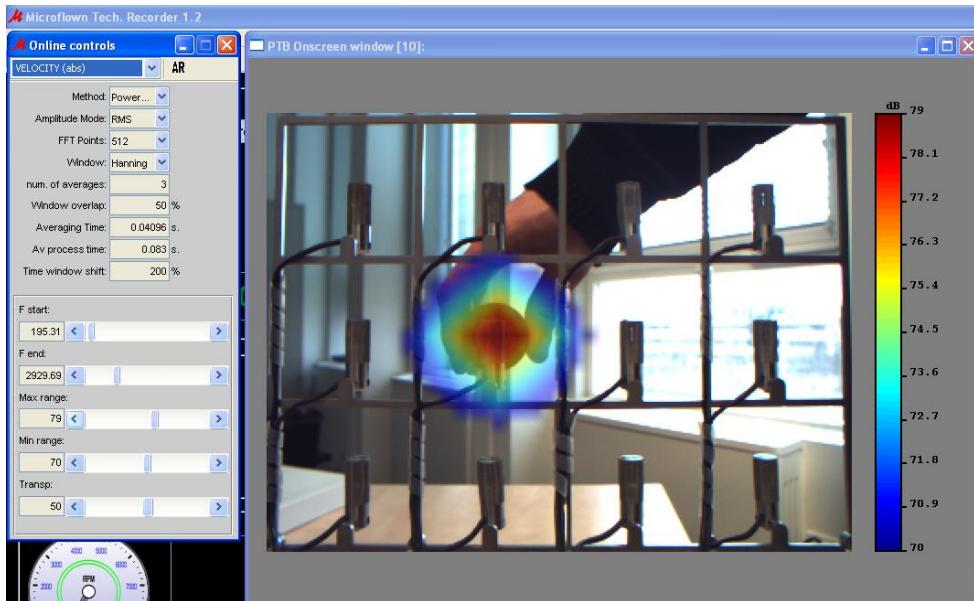
PO Box 2205 | 6802 CE Arnhem | The Netherlands

info@microflown.com | www.microflown.com | Telephone: +31 88 001 0800

Recorder 1.2

Real time visualization and display

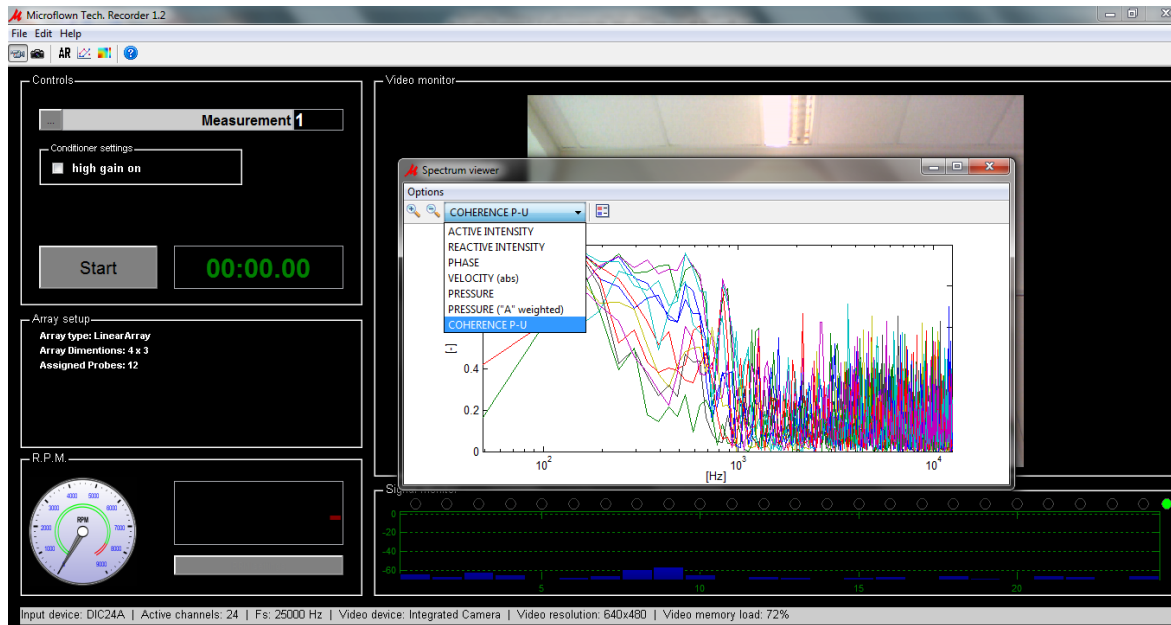
All quantities that could be visualized after processing in the **Post-Process** module can now be displayed also in real time in the **Recorder** module. The standard control settings like selecting frequency range and dynamic range can be used in the real time visualization.



Recorder 1.2

Coherence option in real time analyzer

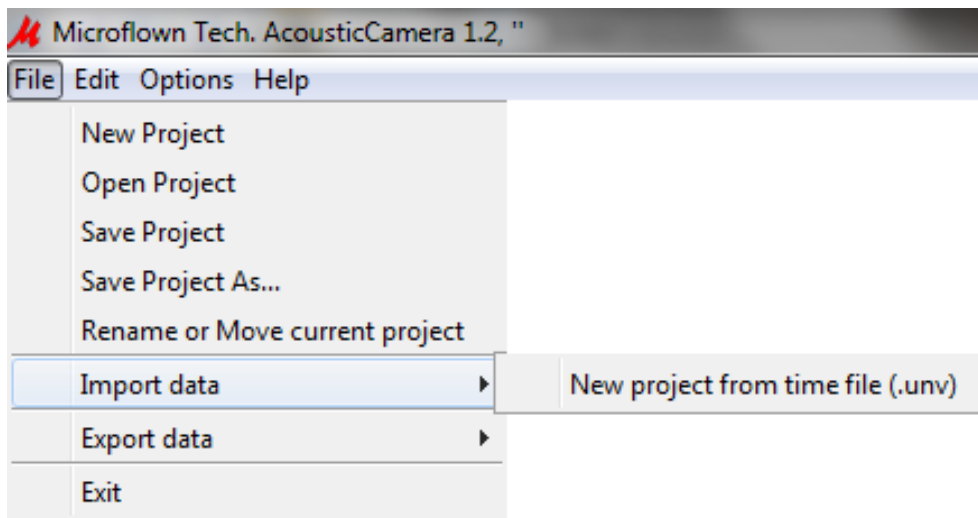
View in real time the coherence of P-U.



Post-Process 1.2

Import of time date file (.unv)

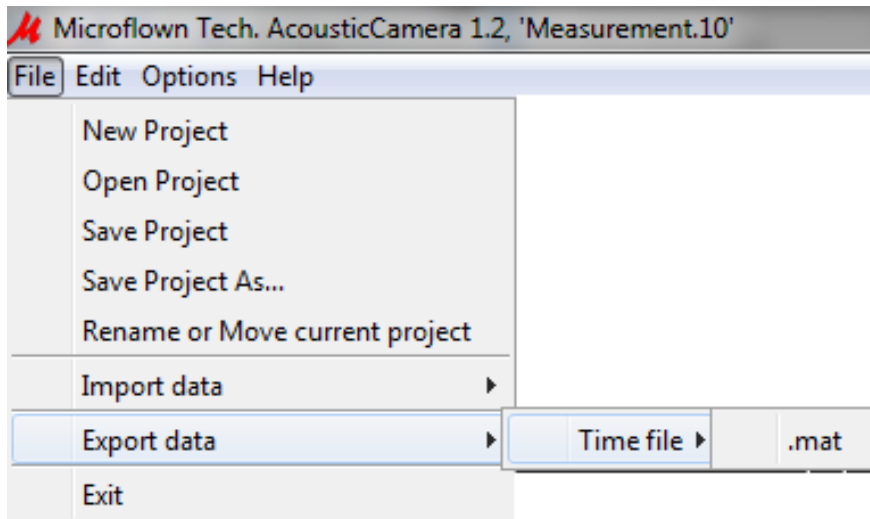
In the **Post-Process** module the option of importing universal files has been implemented.



Post-Process 1.2

Export of time date file (.mat)

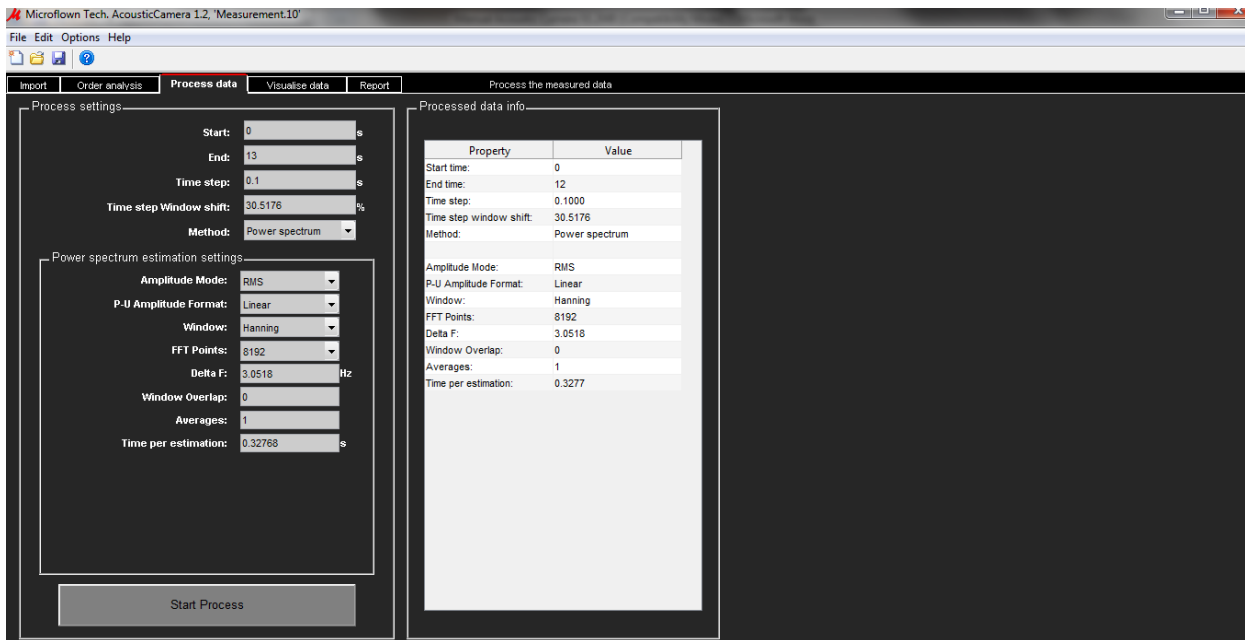
In the **Post-Process** module the option of exporting time data files as .mat has been implemented.



Post-Process 1.2

Time range selection

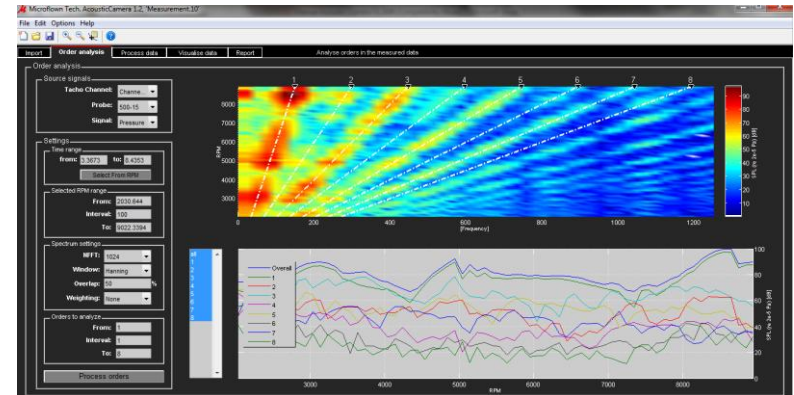
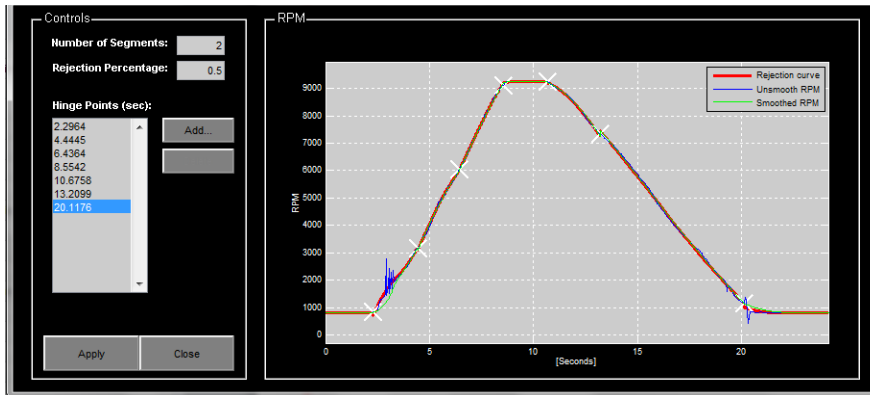
Before processing a performed measurements a selection of a time range or multiple time range selections can be defined. This way only the part of the measurement that are of interest will be processed.



Post-Process 1.2

Improved RPM & Order Tracking

- RPM smoothing
- RPM error value removal | Volt Kalman Filters
- Improved visualization of order tracking



Post-Process 1.2

Some more new features in 1.2

- Improved interpolation
- Wave export
- Array and Probe configuration can be added in the **Post-Process** module



PNCA-R 1.0

Additional available advanced processing module

The Panel Noise Contribution Analysis Reference-Related (PNCA-R) software is add-on to the Near Field Acoustic Camera. This **PNCA-R** module has advanced processing options to create functionalities as panel noise contribution analysis or airborne transfer path analysis. The **Recorder** module of the the Near Field Acoustic Camera is used to record the data.

- FRF measurements
- Pressure contribution measurements

For more info see: <http://www.microflown.com/products/software/pncar-software.html>