

Changelog Piuma software V2.1.13

10-07-2017

Elias Labordus

Optics11

- Keyboard controls for moving stages, starting find surface procedure, indenting and stopping added for numeric keyboard.
- Communication with the piezo driver is improved, making it faster and more accurate.
- Default profiles for load and indent controlled measurements are changed to a three-segment profile (for dynamic module only)
- Driver for the data acquisition device updated, making the connection more stable.
- Sensitivity change of OP1550 is no longer automatically followed by a reset of the signal.
- Cleaning code, general improvements making the software faster and more stable.
- The results are no longer only saved with a hardcoded 3000 samples. Instead the sampling rate can be changed by the user.
- General bugfixes.

Known issues:

- Saving profile when changing modes (displacement, load, indent, DMA) doesn't always work.

Recommended: After changing mode, always open profile window to check if the profile is still correct, and press save.

- Auxiliary channel is floating, resulting in the signal following the piezo signal. This will not affect functionality when a signal is connected.

Recommended: Attach a 50ohm terminator to the connector when not in use.

- Max load, final load and subtraction of the two are not saved when using the Hertzian model.

Recommended: Also use Oliver and Pharr to get those parameters if required.

- Save cam image option in maintenance is not working.