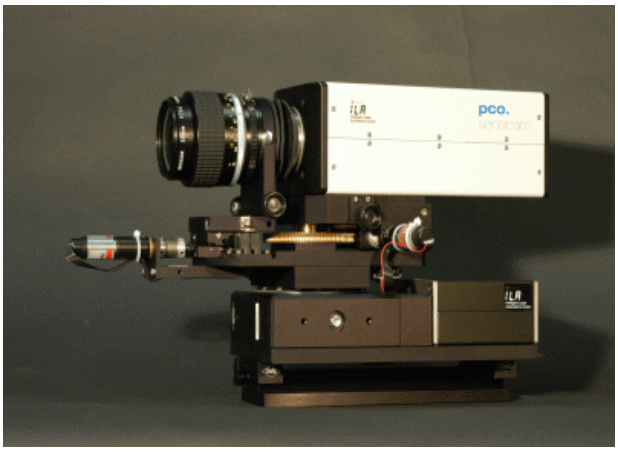
Motorised Camera Mounts

Complete motorised camera unit, with rotation, tilt and focus control

ILA offer motorised versions of all their camera mounts for 2D and 3D stereo PIV. In the case of the 3D stereo Scheimpflug mounts, the camera angle, lens angle and image focussing can allbe motorised. For initial setup operations, angle and focus setting are controllable locally via pushbuttons and a LED display on the motorised mount. Remote operation is by a dedicated software interface that communicates with the mount via a USB link. Remote angle and focus functions are essential when working in large installations or on experiments with difficult access. They enable users to optimise their stereo imaging setup directly from the PIV workstation, leading to significant savings in setup time that increase productivity.

Features

- Modular
- Accepts MF and AF lenses
- Manual control
- USB control (software)



Specifications

- Motors : DC, with incremental encoder
- Position references: hardware endstops and reference stops
- Tilt angle range: +/-20 degrees
- Rotation angle range: +/-270 degrees
- Objectives supported: F-mount, MF or AF
- . Manual control: via push-buttons and LED displays located on mount
- Software control: via USB link, software module supplied with mount
- External power supply (included)

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