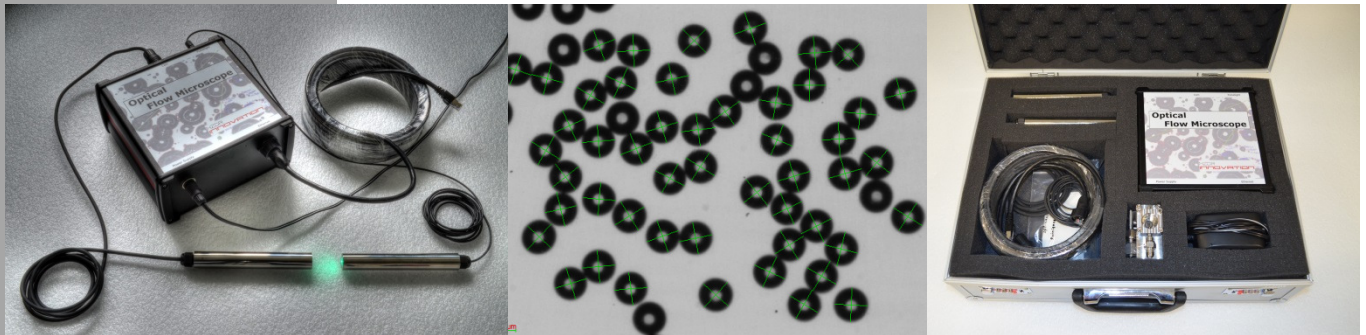


Product Description

OPTICAL FLOW MICROSCOPE

The optical flow microscope can be used in fast moving flows to observe particles, bubbles, cells, emulsions, foams, etc.. The sensor consists of an illumination device and a microscope camera device being positioned opposite to each other into the flow vessel (e.g. a pipe). The sensor is able to acquire a series of several hundred images within a given time regime.



Specification

- Operating temperature: 0...45 °C*
 - Max. pressure load: 4 bar*
 - Measurement range (object size): 6 µm to 3 mm
 - Max. flow rate: 3.25 m/s
 - Frame rate: 120 fps
 - Resolution: 656 x 494 Pixel / b/w
 - Supply voltage: 9..36 V DC
 - Communication: Ethernet network
 - Measuring span: 5..10 mm (distance between camera and illumination)
- (*customization for higher conditions possible)

Contact

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