## **M07** Fluid Mechanics Measurement

## The measurement assignment:

- In the case of the elbow without any built in elements, calibrate the inlet orifice using the Prandtl tube.
- Measure the pressure distribution along all of the walls in the investigated elbow.
- Change the inner radius. Repeat the measurement of the pressure distribution along all the walls in the investigated elbow.
- Replace the outer radius with a large radius and repeat the measurement.
- Place a curved plate in the middle of the elbow cross-section and repeat the measurement
- Make all the calculations and evaluations described in the measurement guidelines.

## Measurement data:

	Sio	Signature of measurement instructor:			
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