

Flow Measurement Project

Company:

Contact person:

Phone number:

E-Mail:

Applikation:

You want to measure: 1D, 2D, Turbulence ...

Preferred Technique: PIV, LDA ...

Velocity range (min / max):

Expected turbulence level:

Direction of main flow:

Particle / droplet size to measure:

Total size of model:

Temperature:

Pressure:

Flow field size to measure / capture:

Spatial resolution requested:

Window size to measure through:

Order of optical medias to measure through:

Refractive indices of Medias:

Probe has to be water tight: yes / no

Distance of probe / camera lens to measurement point:

Flasching rate of laser for PIV:

Desired Laser output power / energy:

Acquisiton rate:

Encoder input for rotating machinery: yes / no?

Additional no of inputs analog / digital:

Laser safety goggles:

Seeding material / diameter:

Seeding generator:

Traversing system, dimensions:

Light sheet for visualisation as add on for LDA and PDA: yes / no?

Minimum fiber / cable lenghts:

Available space around the model for measurement equipment:

Currently used System (brand, type, accessories):

Desired results, graphs, export, etc.:

Upgradeability and future demands:

Available budget excl. VAT:

Estimated timeframe of purchase:

Please describe application as good as possible by adding photos or movies!