

Water-Test-Rig



Water test-rig

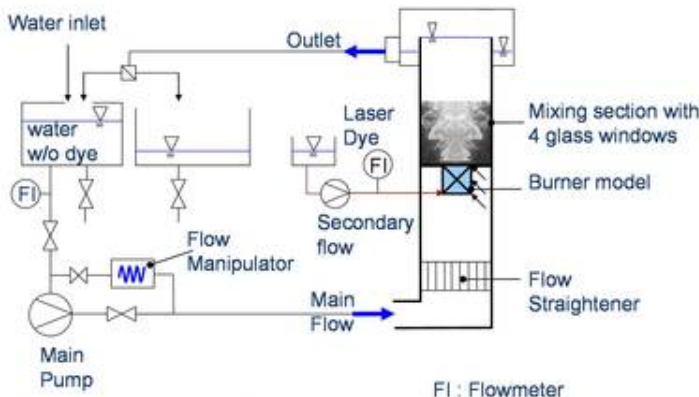
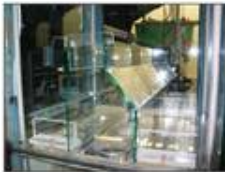


Figure 1: Schematic set-up of the test-rig

Facility specifications:

- Full optical access through 4 glass windows
- Square test section of 400 mm x 400 mm
- Tank capacity: 2 x 3 m³
- Maximal volume flow: 50 m³/h (86 mm/s in the measurement section)
- Pressurized tank to allow steady volume flow in the test section while emptying of the tank.



↑
Downscaled test section of a combustion chamber



↗
↘
Operating water test rig with burner model, intensified CCD camera and 2D LDA optic



Further information:

- Arnaud Lacarelle, arnaud.lacarelle@tu-berlin.de

Department of Experimental Fluid Mechanics
Institute of Fluid Mechanics and Technical Acoustics (ISTA)
Hermann-Föttinger Institut (HFI)
Prof. Dr.-Ing. C. O. Paschereit

CONTACT, INDEX AND FURTHER SERVICE

Last Update: 14.06.2017

CONTACT, SITEMAP AND FURTHER SERVICE LINKS

