Experiment Cell (30[mm] Dia. Liquid Bridge formation part)

Observation window 2 for IR camera
- ITO Heater 3
- thermometer 6 (Obs Win 2 Temp)

Observation window 1 for 2D camera
- ITO Heater 2
- TC-5 (Obs Win 1 Temp)

Strobo light from FPEF

Heat movement

Observation/ Optical path

Cooling water I/F

Gas I/F

CCD Head unit

LS 4

LS 5

Motor 2 for LB shape adjustment

Argon GAS to/from FPEF

GN2 LASER

Motor 3 for Laser target points adjustment

[Acronym]
C-D: Cooling Disk
EC: Experiment Cell
FPEF: Fluid Physics Experiment Facility
H-D: Heating Disk
ITO: Indium Tin Oxide
LB: Liquid Bridge
LS: Limit Switch
Pt: Platinum
TC: ThermoCouple