

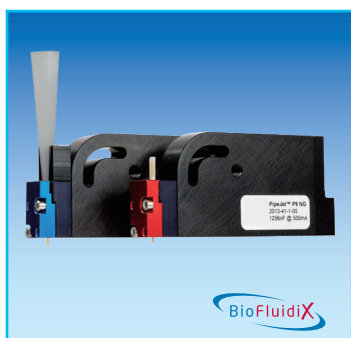
# LabJet series

## InkJet desktop equipment for experiments

From fluid dispensing test to prototype of devices



GlassJet



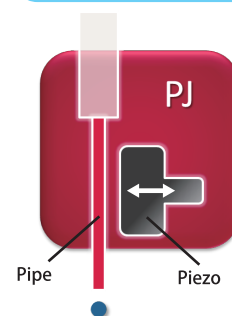
PipeJet



※ Appearance of LabJet-1000 varies from the picture.

### Features

- 1 Production of high-resolution device by dispensing ultralow volume in picoliter through nanoliter and highly-accurate alignment
- 2 Possible to apply fluids with high viscosity and high surface tension as well as particle turbid solution that are hard to dispense by typical heads
- 3 Possible to mount Glass Jet head with high fluid proof and disposable Pipe Jet head simultaneously
- 4 Triple roles in one device: dispensing, spotting and patterning
- 5 Observation by enlarging drawing condition and drawing objects on working place
- 6 Monitoring of droplet dispensing condition by droplet observation camera



### Applications

- Dispensing and spotting of cells, protein, anti-body, DNA, enzyme and reagent
- Production of various biochips and biosensors
- Trial production of various electronic devices
- Circuit patterning with nanometal ink
- Liquid injection into microwells,  $\mu$ -TAS, fluidic devices and micro holes
- Development and evaluation of inkjet fluid materials



※ Stable dispensing depends on fluid type.  
 ※ Actual equipment might vary from the picture.  
 ※ Specifications are subject to change without notice.