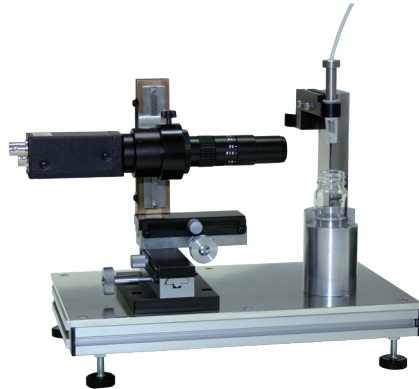


## Inkjet dispensing experiment kit (GlassJet type)

All in One: Head, Controller, Droplet observation function



Inkjet Head



Droplet Observation Kit



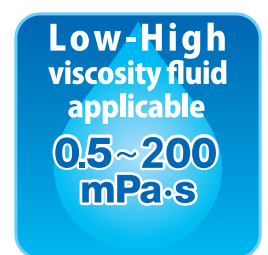
Pressure Control Device



Head Controller

### Features

- 1 One-nozzle head with high chemical-resistance, handling strong acid and strong alkali
- 2 Multiple types of heads available depending on research purposes and liquid properties
- 3 Droplet formation at arbitrary timing by trigger input
- 4 Easy head cleaning realizing evaluation with different types of liquids
- 5 Droplet flight status visualized with droplet observation kit
- 6 Upgrade to patterning device (LaboJet) depending on R&D progress



Flight droplet observation

### Applications

- Development and evaluation of Inkjet liquid materials
- Dispensing of metal nanoparticle liquid, UV ink, oil, DNA, protein, antibody, cell fluid and more
- Dispensing experiment and prototype of devices with low volume liquid (min. required volume of approx. 0.3cc)
- Installation into experiment devices and production systems (IJK-300H)

※ Depending on fluid type, stable dispensing is not available  
 ※ Actual equipment might vary from the picture  
 ※ Specifications are subject to change without notice