

MICROJET

PJK series



Inkjet dispensing experiment kit (Disposable piezo type PipeJet)

Exchange only the pipe
which physically touches fluids



PipeJet



Head Controller

PJK-200H
<Head kit>
PipeJet + Controller + Software



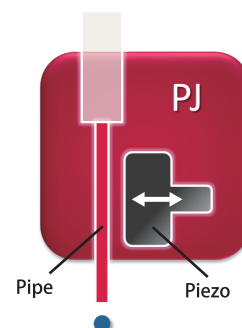
PJK-200S
<Droplet observation kit>
Head kit + CCD camera + Lens + Stand

Features

- 1 Digitally-controls nanoliter droplets by piezo system
- 2 Disposable structure eliminates need of cleaning and reduces running cost
- 3 Possible to build in your own equipment
- 4 Applicable to high viscosity liquids (up to 400 mPa·s for non-heated fluid)
- 5 Minimum required fluid volume: 10 microliters or less

Applications

- Dispensing by nanoliter of DNA, protein, antibody and reagent
- Dispensing of cell fluids and bead fluids
- Dispensing of liquid materials for printed electronics
- Dispensing of flux, adhesive and UV curing fluids



Low-High
viscosity fluid
applicable
0.5~400
mPa·s



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