



ZGENEBIO Digital Pico Liter Microinjector



ZgeneBio successfully produced the High-precision Digital Pico Liter Pump Microinjector made in Taiwan with the development and research for 3 years. It is highly estimated among our costumers, and tens of the products has been sold in Taiwan since only half a year. Welcome to try it.

- 1.High-precision regulating valve made in Japan: stable pressure output, and prevent back siphonage
- 2.Pico Liter (Pl) level, and consistent ammount
- 3.Convenient operation, and fast syringe changing
- 4.Digital pressure and time panel
- 5.Function of memory and programming memory
- 6.0.01secs of precision
- 7.Sample filler: Without the loading tip, directly absorbs the sample
- 8.AC100V-240V, made in Taiwan, one-year warranty, and the price is just half as the import products

USD\$2700
PCO-1500

Sample
absorbing

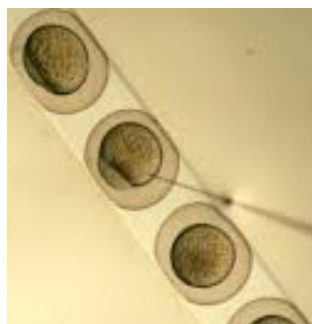
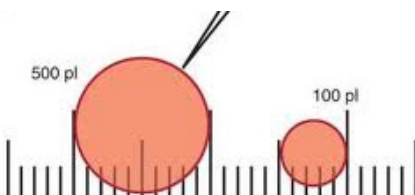
Digital air
pressure



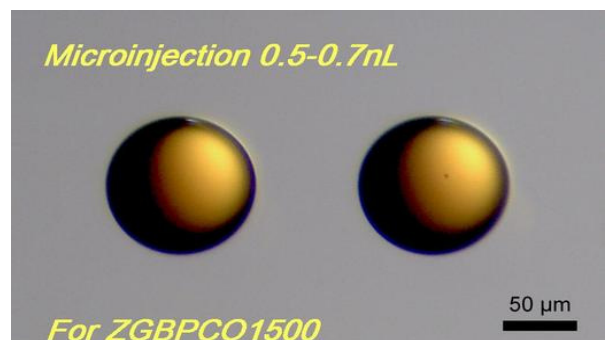
High-precision
pressure controller

Digital time controller

PL level



Microinjection 0.5-0.7nL



For ZGBPCO1500

5 psi 0.08sec Capillary for 10um



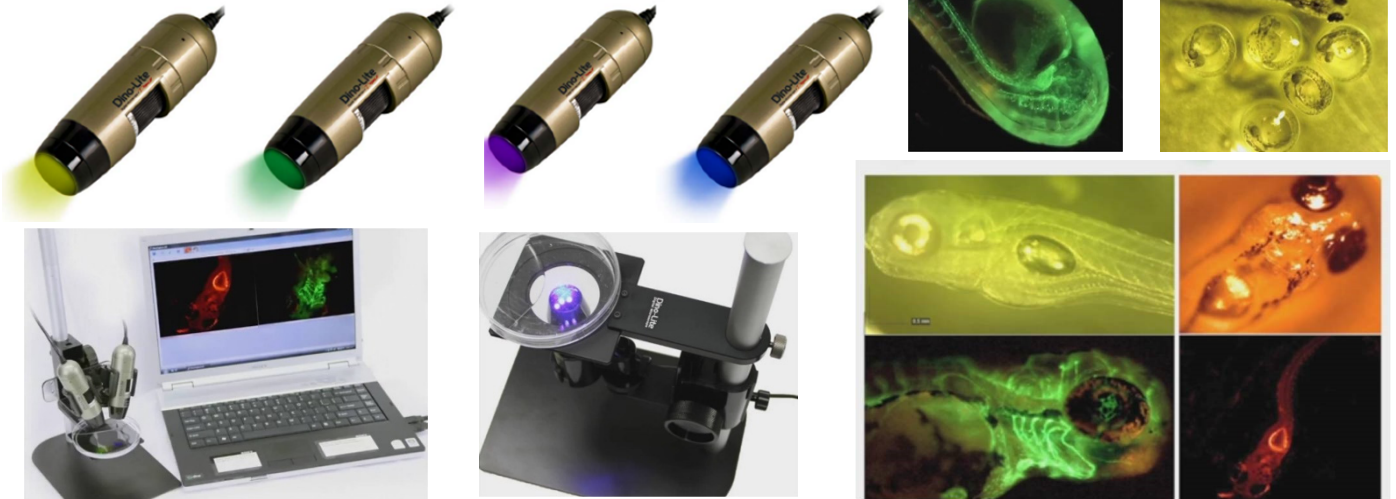
Digital fluorescence microscope

For RFP/mCherry

For DsRed

For CFP

For GFP



Fluorescent module for microscope

GFP/DsRed signal could be detected with Fluorescent Module.

GFP/DsRed signal could be detected with Fluorescent Module.



ZGENEBIO Stereo Microscope

USD\$1650

- **Lens:** binocular eyepiece with 45 degree heeled, spin 360 degree, and parallax of lens could be regulated for 52~75mm. The focusing knob could regulate the height.
- **Zoom:** 0.65X-4.5X
- **Amplification factor:** 10x Eyepiece, 6.5x-45x20x, and 13X-90X
Highest for 225x (diopter lens additionally purchasing)
- Suitable for anatomy, oocyte microinjection for fish, and drosophila
- Able to be connected with the digital image system
- **Transillumination base**
- **LED white light emission**
- **International design**



Transillumination base



Homepage of ZGene Biotech Inc. products
<http://zgb-microinjector.weebly.com/>

Components of Microinjector

Capillary glass

4878 /300

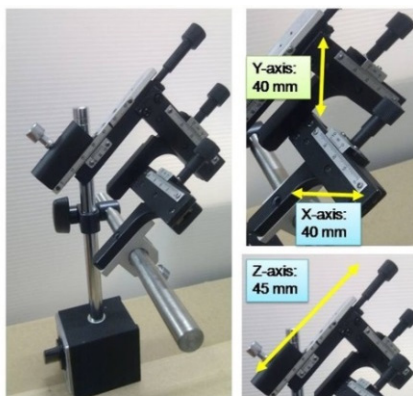
Replacement 3.5-in
Glass is 1.14 mm O.D. (nominal)
and 0.5 mm I.D.



Simple Micromanipulator

ZGB301 USD650

X:40 Y40 Z45mm



Micromanipulator

M3301

KITE

X37 Y25 Z25mm



Pump for Pico-liter pump injector

- ★High-efficiency air cleaner
(Protect the microinjector)
- ★Easy to use, and not need another bomb
- ★Silent, safe, and small size
- ★Not need to load the gas
- ★At most 2 injectors connected

Special USD\$650



Special USD\$290

Gas pump: 2 liter bomb
Single-grooved
dehumidifier
53dB only
Stable pressure source

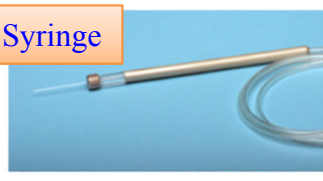
Other components

Magnetic base



ZGPCO5430

Syringe



O-ring



Micrometer

100 units
0.01mm /unit

100 units
0.01mm /unit

LED Light

