

XENOWORKS ANALOG MICROINJECTOR



The **XenoWorks Analog Microinjector** has been designed with ease of troubleshooting in mind. While fluid-filled hydraulic microinjectors are the most responsive method of manipulating cells and cellular components, over time they can develop leaks and air bubbles which need to be sealed or purged. The design of the **Analog Microinjector** allows the tubing to be easily separated from the syringe and main injector body and stripped to its components; tubing and connectors. Parts such as spare tubing are readily available from Sutter

(spare tubing and fittings are supplied with each injector) and are quick and simple to fit using commonly available Luer-lock and ferrule connectors. Tubing length can be altered according to users' needs and ancillary devices such as three-way valves may be fitted so that, for example, a single injector can control two micropipettes (for applications such as blastomere biopsy).

Analog Microinjector comes equipped with either a 100 μ l, 500 μ l or 1000 μ l syringe as requested.

FEATURES
> XENOWORKS ANALOG
MICROINJECTOR

Highly stable, drift-free

Coaxial coarse and fine displacement (10:1 ratio) for fast filling and precision control

Adjustable height control

Interchangeable syringes (500 μ l standard, 100 μ l and 1000 μ l options)

Effective with air, oil, and water

SPECIFICATIONS
> XENOWORKS
MICROINJECTOR

Coarse:Fine Ratio
10:1

Displacement/Turn
500 μ l syringe:
5.2 μ l coarse, 0.5 μ l fine
1000 μ l syringe:
10.4 μ l coarse, 1.04 μ l fine

Tubing
1m ETFE

Micropipette Holder
Diameter: 4mm
Accepts: 1mm capillary glass
(other sizes can be accommodated upon request)