

# Microinjection system

## Description

Eppendorf TransferMan NK2  
Eppendorf FemtoJet

## Location

Rm510A, Biotech Centre 1

## Features

### ***TransferMan NK2***

- Integrated coarse and fine manipulator with proportional control via central joystick
- Work range: 20 mm per axis
- Programmable Z axis limit as defined injection level in order to avoid capillary breakage
- Automated Home function for rapid capillary exchange
- Adjustable injection speed and angle

### ***Differential Interference Contrast (DIC)***

- Improved contrast results in lower resolution and vice versa
- Offers special prism combinations for viewing thick, and especially thick and thin specimens

### ***FemtoJet***

- Independent pressure supply with built-in compressor
- Programmable injection ensures reproducibility
- Injection volumes range from femtoliters to microliters
- User-friendly interface with large LCD display for easy operation
- Inject and Clean function triggered via control button on instrument or supplied mouse

## Applications

- Micromanipulation of suspension cells
- Embryonic stem cells / nuclear transfer and DNA injection
- Pronuclear injections into embryos

## Contact

[bsc@hkstp.org](mailto:bsc@hkstp.org)

