

**Instrument**

Stereotaxic Injection Apparatus

**Model / Number**

Model 940 Small Animal Stereotaxic Instrument with Digital Display Console

Model 921-E Mouse Head Holder

Model 5000 Microinjection Unit

Hamilton Neuros Syringe

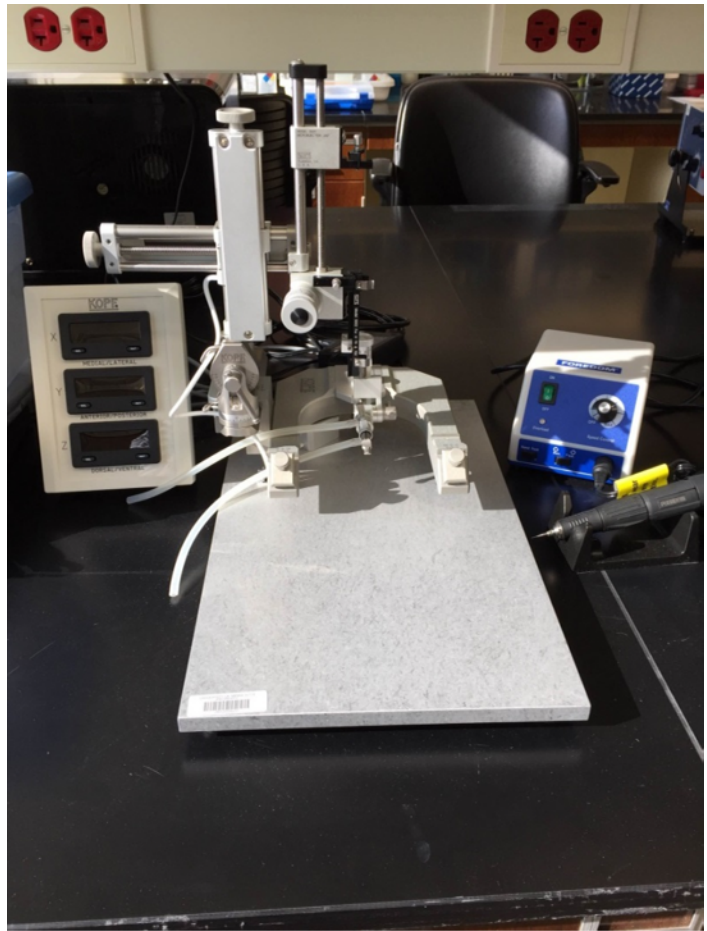
Freedom Micro Drill

**Manufacturer**

KOPF

**Location**

Life Science 250

**Instrument Description**

The instrument consists of a rugged “U” frame to which is affixed a Model 960 three-dimensional Electrode Manipulator. Model 1770 Electrode Holder with corner clamp is included. Model 5000 Microinjection Unit provides a simple and reliable method of standardizing the use of  $\mu\text{L}$  syringes for accurate, repeatable delivery of minute amounts of fluid. It consists of an inter-changeable syringe holder plunger drive mechanism, delivery control knob and adjustable foot support to stabilize the needle tip. Neuros syringe technology accurately dispenses 50 nL to 100  $\mu\text{L}$  of liquid through an ultrafine needle protected by a custom-designed sleeve. Developed specifically for the neurosciences, the Neuros minimizes injection site damage by increasing needle rigidity and delivering a microvolume of liquid to an exact location

**User Charges**

Not applicable

**User Training**

User must be trained to use this equipment. The user is responsible for cleaning and performing any per use maintenance and providing any disposable supplies required for operation. Any damage caused by the user is the responsibility of the user to repair or replace.

**More Information**

Contact Tiana Luczak at [lucza006@d.umn.edu](mailto:lucza006@d.umn.edu)