

P-30 VERTICAL MICROPIPETTE PULLER



The model **P-30** vertical micropipette puller is designed for the fabrication of basic micropipettes and patch-type pipettes. It will pull micropipettes with tip diameters as small as $0.3\mu\text{m}$ and moderate taper lengths (6 to 10mm). By using an included patching attachment, the **P-30** will pull a patch-type pipette. But, for those needing very short tapers, high cone angles, and advanced reproducibility, one should consider the **P-97**. Using thin or standard walled capillaries, the **P-30** will generate suitable pipettes for microinjection studies. The **P-30** is also ideal for student laboratories and other situations

which call for an economical, reliable pipette pulling device.

The **P-30** is available with either a platinum/iridium or a Nichrome filament. The Nichrome filament is suitable for many applications and is not prone to damage. The platinum filament is more efficient at heating and cooling, and, although it is more prone to damage than the Nichrome filament, the platinum filament is recommended for thick wall and aluminosilicate glass and applications requiring shorter taper lengths.

FEATURES**> P-30**

Pulls electrodes with tip diameters down to 0.3 μ m, consistently and reliably

A micrometer allows precise reproducibility of trip point settings in producing fine microelectrodes

Full three digit digital controls for accurate setting of heat and pull values

Constant current power supplies for filament and pull solenoid

Enclosed front to reduce variability caused by drafts

Dual (manually) switched heat settings for patch pulling or two different types of micropipettes

All working parts are made from corrosion resistant material

Two heating assemblies available: platinum/iridium (recommended) or Nichrome coil

Built in RFI filter and dual voltage/ dual frequency operation

Rubber padded jaws to minimize breakage of capillary tubing

Designed to take up a minimum of bench space

Slope of the front panel aids in preventing glass from entering cabinet/solenoid mechanism

SPECIFICATIONS**> P-30****Dimensions**

18in x 10in x 9in
46cm x 25cm x 23cm

Weight

35lbs
16kg

Electrical

115/230 volts
50/60 hertz power line

