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P-97 Flaming/Brown Pipette Puller

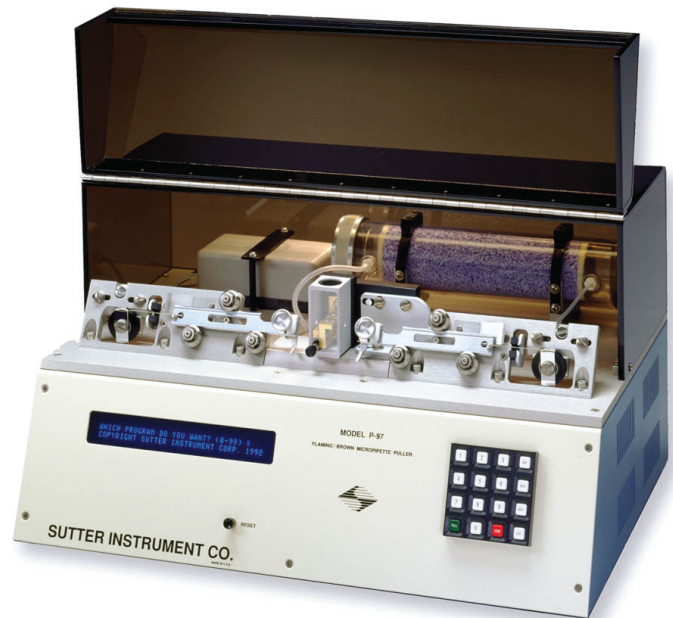
SU-P97

Features

- Environmental chamber for humidity control
- Programmable air pressure
- Memory storage for up to 100 programs
- Write protection and date stamp for each program
- Two symmetrical pipettes with each pull
- Two cooling modes: time and delay
- Vacuum fluorescent display

Benefits

- Preprogrammed sample programs for intracellular and patch pipettes (Special programming on request)
- Ramp test - self test for establishing program heat settings when a new filament or glass is introduced
- Constant current power supply for filament and pull solenoid
- Looping pull cycle for fabrication of patch type micropipettes
- Self-contained air supply with filtration system and humidity control
- Consistent and reliable electrodes with tip diameters less than $0.1\ \mu\text{m}$
- Control over the time and pressure at which the air is delivered
- Optimized velocity sensing circuit for maximized sensitivity and reproducibility
- Quality control, SEM photograph of a tip pulled with each puller. Criterion is tip measurement less than $0.1\ \mu\text{m}$ and typically is $\sim 0.06\ \mu\text{m}$.



Applications

- Patch pipettes
- Sharp electrodes
- Pronuclear injection
- Zebrafish injection
- Insect egg injection
- Aspiration pipettes



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SU-P97

Part Number	Description
SU-P97	Flaming/Brown Pipette puller
505094	2 mm Box Filament, 1.5 mm wide
505095	2 mm Box Filament, 2 mm wide
505096	2 mm Box Filament, 3 mm wide
505097	2.5 mm Box Filament, 4.5 mm wide
13834	2 mm Box Filament, 2.5 mm wide
505098	3 mm Box Filament, 1.5 mm wide
14074	3 mm Box Filament, 2 mm wide
506122	3 mm Box Filament, 3 mm wide
505099	Custom Filament
505101	3 mm Loop Filament, 1.5 mm wide
505103	3 mm Loop Filament, 2 mm wide
505105	3 mm Loop Filament, 2.5 mm wide
505106	Fire Polishing Spacer
505108	Trough Filament, 1.5 mm wide
13835	Trough Filament, 2 mm wide
13836	Trough Filament, 3 mm wide
505109	Trough Filament, 4.5 mm wide

SPECIFICATIONS

Dimensions	53 x 40.6 x 30 cm (21 x 16 x 12")
Weight	23 kg (50 lbs.)
Power	115/230 V, 50/60 Hz

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